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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
OM nucleic - nucleic search, using sw model
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Run on: August 1, 2004, 21:08:23; Search time 38.9024 Seconds (without alignments) 156.917 Million cell updates/sec

Title: US-09-540-843-5 Perfect score: 11

Sequence: 1 gttagggttag 11
Scoring table: IDENTITY_NUC

ng table: IDENTITY_NUC Gapop 10.0 , Gapext 1.0 Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 979464

Minimum DB seq length: 0 Maximum DB seq length: 200

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries Database : Issued_Patents_NA:*
1: /cgn2_ e/ptodata/2/ina/5A_COMB.seq:*
2: /cgn2_ e/ptodata/2/ina/5B_COMB.seq:*
3: /cgn2_e/ptodata/2/ina/6A_COMB.seq:*
4: /cgn2_e/ptodata/2/ina/6A_COMB.seq:*
5: /cgn2_e/ptodata/2/ina/PCTUS_COMB.seq:*
6: /cgn2_e/ptodata/2/ina/PCTUS_COMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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Result No.	ult No.	Score	Query Match 1	Query Match Length	DB	ID	Description
: :	1 7	11	100.0	11	- 1	US-08-330-123A-2	Semence 2 semili
υ	N	11	100.0	11	Н	-482-115B-	2
O	т	11	100.0	11	7	-08-660	, n
	4	11	100.0	11	N	US-08-531-743-11	ij
υ	2	11	100.0	11	α	US-08-531-743-12	12,
O	9	11	100.0	11	7	US-08-485-778-36	n
υ	7	11	100.0	11	7	US-08-472-802C-3	3.
υ	æ	11	100.0	11	m	US-08-520-550A-36	Seguence 36, Appl
	σ	11	100.0	11	т	US-08-630-019A-9	6
υ	10	11	100.0	11	m	US-08-630-019A-30	Sequence 30, Appl
	11	11	100.0	11	m	US-08-630-019A-39	3
	12	11	100.0	11	m	US-08-838-545-13	-
O	13	11	100.0	11	m	US-08-838-545-31	31,
	14	11	100.0	11	т	US-08-838-545-44	44,
υ	15	11	100.0	11	٣	US-08-998-443-2	7
υ	16	11	100.0	11	٣	US-09-060-523-2	Sequence 2, Appli
	17	11	100.0	11	е	US-09-349-532-13	13
υ	18	11	100.0	11	m	- 1	31,
	19	11	100.0	11	m	US-09-349-532-44	44,
υ	20	11	100.0	11	4	US-09-580-517-2	2,1
U	21	11	100.0	11	4	-09	Sequence 2, Appli
	22	11	100.0	11	4	US-09-657-445A-1	٦,
	23	11	100.0	12	c	-089-80-	10,
		11	100.0	12	m	US-08-838-545-8	80
	25	11		12	c	-09	8
	56	11	100.0	13	n	9-80-	11
	27	. 11	100.0	13	m	US-08-630-019A-15	Sequence 15, Appl

0;

0; Gaps

Query Match

100.0%; Score 11; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 11; Conservative 0; Mismatches 0; Indels

TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear MOLECULE TYPE: RNA

US-08-330-123A-2

Sequence 1, Appli Sequence 12, Appli Sequence 12, Appli Sequence 8, Appli Sequence 4, Appli Sequence 12, Appli Sequence 12, Appli Sequence 40, Appli Sequence 5, Appli Sequence 5, Appli Sequence 5, Appli Sequence 6, Appli Sequence 7, Appli Sequence 16, Appli Sequence 17, Appli Sequence 16, Appli Sequence 17, Appli Sequence 16, Appli Sequence 17, Appli Sequence 11, Appli Sequence 11, Appli Sequence 11, Appli Sequence 11, Appli Sequence 11, Appli		
3 US-08-838-545-1 3 US-08-838-545-12 3 US-09-349-532-1 4 US-09-349-532-12 4 US-09-531-743-4 5 US-08-531-743-4 3 US-08-630-019A-12 3 US-08-630-019A-18 3 US-08-630-019A-40 3 US-08-838-545-5 3 US-08-838-545-5 3 US-08-349-532-5 3 US-09-349-532-5 3 US-09-349-532-5 3 US-09-349-532-5 3 US-09-349-532-5 3 US-09-349-532-5 3 US-09-349-532-5 3 US-09-349-532-5 3 US-08-153-051B-11 2 US-08-153-051B-11	ALIGNMENTS	n US/08330123A TTEAU, Bryant Ilter William H. HUMAN TELOMERASE SSS: SSS: SNS: SNS: NRICOMPACTOR COMPATIBLE PC-DOS/MS-DOS IN Release #1.0, Version #1.25 DATA: US/08/330,123A SCT-1994 SNS: UMBER: 15389-000810 FROMENTON: IN NS SNS: IN
1000.00 115 116 116 117 118 118 118 118 118 118 118 118 118		ication US ILLEPONTEA ILLEPONTEA ILLEPONTEA ILLEPONTEA INCORS: 2 E ADDRESS: Townsend John Parken Ifornia SYSTEM: PROPPY IEM PC COM SYSTEM: PROPPY INCOMPANIES: PROPP
228 228 339 339 339 339 444 443 444 444 444 444		RESULT 1 US-08-330-123A-2/C US-08-330-123A-2/C Sequence 2, Application US/083301 PATENT NO. 2583016 GENERAL INFORMATION: APPLICANT: FUNC, Walter APPLICANT: FUNC, Walter APPLICANT: FUNC, Walter APPLICANT: FUNCES, 25 CORESPONDENCE ADDRESS: ADDRESSEE: Townsend and Tow STREET: 379 Lytton Avenue CITY: Palo Alto STATE: California COUNTRK: US ZIP: 94301 COMPUTER READALE FORM: MEDIUM TYPE: Floppy disk COMPUTER: IBM PC Compatible OFFRATING SYSTEM: PC-DOS/WS SOFTWARE: PATENTE: CALIFORNIA MEDIUM TYPE: Floppy disk COMPUTER: BATONIA SOFTWARE: DATENTE NOW
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linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STATE: Texas
COUNTRY: Uni
ZIP: 77210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-660-678A-2
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                                                                                                                                                                                    APPLICANT: Villeponteau, Bryant
APPLICANT: Feng, Junli
APPLICANT: Funk, Walter
APPLICANT: Andrews, William H.
TITLE OF INVENTION: Assays for the RNA Component of Human
TITLE OF INVENTION: Telomerase
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 11; DB 1; Length 11;
Pred. No. 2.2e+02;
0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATE: US/08/482,115B FILING DATE: 07-JUN-1995
                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS: TOWNSEND TOWNSEND TOWNSEND AND TOWNSEND AND STREET: TWO Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   015389-000830US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PATOR APPLICATION DATA:
APPLICATION NUMBER: US 08/272,102
FILING DATE: 07-JUL-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/330,123
FILING DATE: 27-OCT-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 3
US-08-660-678A-2/C
; Sequence 2, Application US/08660678A
; Patent No. S837857
; GENERAL INFORMATION:
; APPLICANT: Villeponteau, Bryant
; APPLICANT: Feng, Junli
; APPLICANT: Feng, Junli
; APPLICANT: Feng, Junli
; APPLICANT: Andrews, William H.
                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 94111-3834
COMPUTER REALABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                               Sequence 2, Application US/08482115B Patent No. 5776679 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: SCORELLA, John R.
REGISTRATION NUMBER: 32,944
REGISTRATION NUMBER: 32,944
RERENCE/DOCKET NUMBER: 01531
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.08;
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Best Local Similarity 100.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                            STREET: Two Embarcade
CITY: San Francisco
STATE: California
COUNTRY: USA
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1 GTTAGGGTTAG 11
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                      11 GTTAGGGTTAG 1
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                                                                                           RESULT 2
US-08-482-115B-2/c
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Gaps
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Sequence 11, Application US/08531743

Patent No. 5856096

GENERAL INFORMATION:

APPLICANT: Windle, Bradford E.

APPLICANT: Chen, Shi-fong

APPLICANT: Fletcher, Terace M.

APPLICANT: Fletcher, Terace M.

APPLICANT: Maine, Ira

TITLE OF INVENTION: Rapid and Sensitive Assays for Detecting and

TITLE OF INVENTION: Distinguishing Between Processive and

TITLE OF INVENTION: No. 5856096-Processive Telomerase Activities

NUMBER OF SEQUENCES: 17
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                                                                                                                                               COUNTRY: USA

COUNTRY: USA

ZTATE: CALIfornia

COUNTRY: USA

ZIP: 94111-3834

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/660,678A

FILING DATE: 05-JUN-1996

CLASSIFICATION NUMBER: US 08/330,123

PRIOR APPLICATION NUMBER: US 08/330,123

FILING DATE: 07-JUL-1994

APPLICATION NUMBER: US 08/272,102

FILING DATE: 07-JUL-1994

ATTORNEY AGENT INFORMATION:
NAME: Storella, John R.

REFERENCE/DOCKET NUMBER: 32,944

REFERENCE/DOCKET NUMBER: 32,944

REFERENCE/DOCKET NUMBER: 32,944

REFERENCE/DOCKET NUMBER: 32,944
                                                   STREET: Two Embarcadero Center, Eighth Floor CITY: San Francisco STATE: California
TITLE OF INVENTION: Mammalian Telomerase NUMBER OF SEQUENCES: 30 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Arnold, White & Durkee
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: (415) 576-02C
TELERAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSE: Arnold, Whit
STREET: P.O. Box 4433
CITY: Houston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 100.
Matches 11; Conservative
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Gaps

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us-09-540-843-5.rni

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100.0%; Score 11; DB 2; Length 11; 100.0%; Pred. No. 2.2e+02; Live 0; Mismatches 0; Indels
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CLASSIFICATION: 415
PRIOR APPLICATION DATA: 415
PRIOR APPLICATION DATA: 415
APPLICATION DATA: 416
FILING DATE: 13-FEB-1995
APPLICATION DATA: 417
APPLICATION NUMBER: US 08/272,102
FILING DATE: 07-ULL-1994
ATTORNEY/AGENT INFORMATION: NAME: Granahan, Patricia REGISTRATION NUMBER: 32,227
REGISTRATION NUMBER: 32,227
RECOMMUNICATION INFORMATION: TELECOMMUNICATION NUMBER: 617-61-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: 36: SEQUENCE CHARACTERISTICS:
                                                                                     Query Match
Best Local Similarity 100.
Matches 11; Conservative
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Best Local Similarity 100.
Matches 11; Conservative
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EDNESS: double
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                                                                                                                                                                                                                                                                                        RESULT 6
US-08-485-778-36/c
                                                   US-08-531-743-12
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APPLICANT: Windle, Bradford E.
APPLICANT: Qiu, Ming
APPLICANT: Chen, Shi-fong
APPLICANT: The Chen, Shi-fong
APPLICANT: The Chen, Shi-fong
APPLICANT: Maine, Ira
TITLE OF INVENTION: Rapid and Sensitive Assays for Detecting and
TITLE OF INVENTION: No. 5856096-Processive and
TITLE OF INVENTION: No. 5856096-Processive Telomerase Activities
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 11; DB 2; Length 11;
Pred. No. 2.2e+02;
; Mismatches 0; Indels
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/531,743
FILING DATE: 20-SEP-1995
CLASSIPICATION: 435
ATCORNEY/AGENT INFORMATION:
NAME: Highlander, Steven L.
REGISTRATION NUMBER: 37,642
REFERENCE/DOCKET NUMBER: CTRC:026/HYL
TELEPHONE: (512) 418-3000
TELEPHONE: (512) 414-757
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTER/STICS:
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTER/STICS:
TELEGYH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
RILING DATE: 20-SEP-1995
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STATE: Texas COUNTRY: United States of America ZIP: 77210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 12, Application US/08531743
Patent No. 5856096
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 20-SEP-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Highlander, Steven L.
REGISTRATION NUMBER: 37,642
REFRENCE/DOCKET NUMBER: CTRC;
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 418-3000
TELEPHONE: (512) 418-3000
TELEPHONE: (512) 474-7577
INFORMATION FOR SEQ ID NO: 12: SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 100.
Best Local Similarity 100.
Matches 11; Conservative
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TOPOLOGY: lin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-531-743-11
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                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY:
ZIP: 02173
ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATIBLE:
COMPUTER: OF SYSTEM: PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
CURRENT APPLICATION NUMBER: US/08/485,778
FILING DATE: 07-JE-1995
FILING DATE: 07-JE-1995
FILING DATE: 07-JE-1995
                                                                                                                                                                                                                                                     .. ielomerase
....arssee: ....arbess:
STREET: Two Militia Drive
CITY: Lexington
STATE: MA
COUNTRY: US
Sequence 36, Application US/08485778

Patent No. 5876579

GENERAL INPORMATION:
APPLICANT: Andrews, William H.
APPLICANT: Feng, Juni;
APPLICANT: Feng, Juni;
APPLICANT: Feng, Juni;
APPLICANT: Feng, Juni;
APPLICANT: Marhuenda, Maria Antonia Blasco
APPLICANT: Warhuenda, Maria Antonia Blasco
APPLICANT: Wileponteau, Bryant
TITLE OF INVENTION: RNA COMPONENT OF TELOMERASE
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton Policy
```

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GENERAL INFORMATION:
APPLICANT: Shay, Jerry W.
APPLICANT: Wright, Woodring E.
APPLICANT: Piatyszek, Mieczyslaw A.
APPLICANT: Diatyszek, Mieczyslaw A.
APPLICANT: Orey, David
APPLICANT: No. 6015710ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%; Score 11; DB 3; Length 11
100.0%; Pred. No. 2.2e+02;
iive 0; Mismatches 0; Indels
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C. STREET: Two Militia Drive CITY: Lexington
                                                                                                                                                                     ZIP: 02173

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/520,550A
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Townsend and Townsend and Crew LLP
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Granahan, Particia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: CSHL94-05A3B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-861-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/387,524
FILING DATE: 13-FEB-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/330,123
FILING DATE: 27-OCT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/272,102
FILING DATE: 07-UUL-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 29-AUG-1995
CLASSIFICATION: 435
IOR ADDITION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 9, Application US/08630019A Patent No. 6015710
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 617-861-9540
INFORMATION FOR SEQ ID NO: 36:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 100.
Best Local Similarity 100.
Matches 11; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 11 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: Two purce CITY: San Francisco eraTE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 GTTAGGGTTAG 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: ....
STRANDEDNESS: GOU
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ;
US-08-520-550A-36
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-630-019A-9
                                                                                                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    g
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OPERATING SYSTEM: PC-DOS/MS-DUS
SOUTHWER: Patentin Release #1.0, Version #1.30
CUSRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/472,802C
FILING DATE: 07-040-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/272,102
FILING DATE: 07-040-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/330,123
FILING DATE: 27-071-1994
ATTORNEY AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 15389-000820
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATI
                                                                                                                                                                                                     APPLICANT: Villeponteau, Bryant
APPLICANT: Villeponteau, Bryant
APPLICANT: Andrews, William H.
TITLE OF INVENTION: Mammalian Telomerase
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Bighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
COMPATING SYSTEM: PC-DOS/MS-DOS
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APPLICANT: Funk, Walter
APPLICANT: Greider, Carol
APPLICANT: Marhuenda, Maria A. B.
APPLICANT: Villeponteau, Bryant
TITLE OF INVENTION: RNA Component of Telomerase
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Mismatches
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                                                                                                  Sequence 3. Application US/08472802C Patent No. 5958680 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Andrews, William H. APPLICANT: Avilion, Ariel A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 11; Conservative
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Best Local Similarity
Matches 11; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS:
TOPOLOGY: 11:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 8
US-08-520-550A-36/c
                                                                             US-08-472-802C-3/c
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                                             RESULT 7
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Gaps

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Length 11;

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Sequence 13, Application US/08838545 Patent No. 6046307
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 11 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
    STRANDEDNESS: single
                                                                                                                                                                                                1 GTTAGGGTTAG 11
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Best Local Similarity
                        ; TOPOLOGY: linear; MOLECULE TYPE: RNA US-08-630-019A-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              linear
                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-630-019A-39
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STATE: C
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                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "peptide nucleic acid (PNA),
DESCRIPTION: where (descy)ribose-phosphate linkages are replaced by
DESCRIPTION: where (descy)ribose-phosphate linkages are replaced by
DESCRIPTION: N (2-aminoethyl)glycine units linked to nucleotide bases via
DESCRIPTION: glycine amino nitrogen through a methylenecarbonyl linker"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Shay, Jerry W.
APPLICANT: Wight, Woodring E.
APPLICANT: Platysek, Mieczyslaw A.
APPLICANT: Corey, David
APPLICANT: No. 6015710ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 11; DB 3; Length 11
100.0%; Pred. No. 2.2e+02;
tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATCHIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/630,019A
FILING DATE: 09-JUN-1996
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Townsend and Townsend and Crew LLP STREE: Two Francisco Center, Bighth Floor STREE: San Francisco STATE: California
                                                                             ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-001600US
TELECOMMUNICATION INFORMATION:
TELEPAK: (415) 576-0200
TELEFAK: (415) 576-0300
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-001600US
TELECOMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 30:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/630,019A
FILING DATE: 09-JUN-1996
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-630-019A-30/c

; Sequence 30, Application US/08630019A

; Patent No. 6015710

; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                              LENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  11; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 GTTAGGGTTAG 11
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                                                                                                                                                                                                                                                                                                                                                  linear
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   usa
                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
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DESCRIPTION: /desc = "phosphorothioate (PS) nucleic acid"
                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Shay, Jerry W.
APPLICANT: Wright, Woodring E.
APPLICANT: Piaryszek, Mieczyslaw A.
APPLICANT: Crey, David
APPLICANT: No. 6015710ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
     Length 11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 11;
                                                     0; Indels
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FILING DATE: US/08/630,019A FILING DATE: 09-JUN-1996 CLASSIFICATION: 536
Query Match 100.0%; Score 11; DB 3; I
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 11; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, Eighth Floor CITY: San Francisco STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Score 11; DB 3; I
100.0%; Pred. No. 2.2e+02;
tive 0; Mismatches 0;
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                                                                                                                                                                                                                                                    US-08-630-019A-39; Sequence 39, Application US/08630019A; Patent No. 6015710
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA: PAPLICATION NUMBER: US/08/838,545 FILING DATE: 09-APR-1997 CLASSIFICATION: 536
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/838,545
FILING DATE: 09-APR-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                            015389-001610US
                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION WOMBER:
FILING DATE: 09-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-0016
                                                               ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (415) 576-0300 INFORMATION FOR SEQ ID NO: 31:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         11; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS: single
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy o
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California
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DESCRIPTION:
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DESCRIPTION:
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                                              COUNTRY:
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TYPE: mucleic acid
STRANDEDNESS: single
TOPOLOCY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "peptide nucleic acid (PNA),
DESCRIPTION: where (deoxy(ribose-phosphate linkages are replaced by
DESCRIPTION: N - (2-aminoethyl)glycine units linked to nucleotide bases via
DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
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                APPLICANT: Shay, Jerry W.
APPLICANT: Wright. Woodring E.
APPLICANT: Partyszek, Mieczyslaw A.
APPLICANT: Corey, David R.
APPLICANT: No. 6046307cn, James
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
TITLE OF INVENTION: Peptide Nucleic Acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Shay, Jerry W.
APPLICANT: Kright, Woodring E.
APPLICANT: Piatyszek, Mieczyslaw A.
APPLICANT: Corey, Corey, James C.
APPLICANT: No. 6046301cn, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 11; DB 3; Length 11; 100.0%; Pred. No. 2.2e+02; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                            NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSED: Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
STRIET: San Francisco
STRIET: USA
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CORRESPONDENCE ADDRESS:
CORRESSEES TOWNSEG and Core LLP
STREET: Two Embarcadero Center, Righth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       015389-001610US
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PILING DATE: 09-APR-1997
CLASSIPICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,019
PILING DATE: 09-APR-1996
ATTORNEY DATE: 09-APR-1996
ATTORNEY DATE: 32,944
REGISTRATION NUMBER: 015389-0016
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEPHONE: (415) 576-0300
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                       ZIP: 94111.3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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Best Local Similarity
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US-08-838-545-31/c
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other nucleic acid (PNA),

desc = "peptide nucleic acid (PNA),
where (deoxy(ribose-phosphate linkages are replaced by
N-(2-aminoethyl) ajycine units linked to nucleotide bases via
glycine amino N through a methylenecarbonyl linker"
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Patent No. 6046307

GENERAL INFORMATION:
APPLICANT: Shay, Jerry W.
APPLICANT: Piatyszek, Mieczyslaw A.
APPLICANT: Potatyszek, Mieczyslaw A.
APPLICANT: No. 6045307ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
                                                                                                                                                                                                            100.0%; Score 11; DB 3; Length 11; 100.0%; Pred. No. 2.2e+02; tive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 2, Application US/08998443
; Sequence 2, Application US/08998443
; Patent No. 6554575
; GENERAL INFORMATION:
APPLICANT: Villeponteau, Bryant
APPLICANT: Funk, Walter
TITLE OF INVENTION: Mammalian Telomerase
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSER: Twomsend and Townsend and Crew LLP
STREET: Two Embaccadero Center, Eighth Floor
CITY: San Francisco
COUNTRY: USA
ZIP. . . .
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/998,443
         PRIOR APPLICATION DATA:

APPLICATION DATA:
APPLICATION NUMBER: US 08/630,019
FILING DATE: 09-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-001610US
TELECOMMUNICATION INFORMATION:
TELEPRAN: (415) 576-0200
TELEPRAN: (415) 576-0300
TELEPRAN: (415) 576-0300
TELEPRAN: (115) 576-0300
TELEPRAN: 11 base pairs
TYPE: nucleic acid
STRANDENESS: single
                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear MoLEGULE TYPE: other mucleic acid DESCRIPTION: (desc = "phosphorothioate (PS) DESCRIPTION: nucleic acid"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/FOCKET NUMBER: 015389-000811US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION:
APPLICATION DATA:
APPLICATION NUMBER: US/08/660,679
FILING DATE: 05-JUN-1996
APPLICATION NUMBER: US 08/330,123
FILING DATE: 27-OCT-1994
FRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/272,102
FILING DATE: 07-JUL-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity 100.
Matches 11; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 GTTAGGGTTAG 11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 15
US-08-998-443-2/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-838-545-44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
```

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; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHRACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; MoleCULE TYPE: RNA
US-08-998-443-2

Query Match
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11

Db 11 GTTAGGGTTAG 1

Search completed: August 1, 2004, 23:41:54
JOb time: 39.9024 secs
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(0108N) YUDI8 @60d SIUI

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August 1, 2004, 23:28:09; Search time 195.049 Seconds (without alignments) 276.518 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    / cgn2_6/ptodata/2/pubpna/US07_PUBCCMB.seq:*
/ cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq:*
/ cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*
/ cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq:*
/ cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq:*
/ cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq:*
/ cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq:*
/ cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq:*
/ cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq:*
/ cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq:*
/ cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*
/ cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*
/ cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*
/ cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*
/ cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*
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/ cgn2_6/ptodata/2/pubpna/US10B_PUBCOMB.seq:*
/ cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq:*
/ cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq:*
/ cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq:*
/ cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3222919 seqs, 2451570024 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Published Applications NA:*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                      OM nucleic - nucleic search, using sw model
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11
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Maximum DB seq length: 200
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Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                 Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Database :
                                                                                                                                                                                                                                                                                                                                 Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Searched:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

		Appli	3, Appl	Appli	Appli	Appli	Appli	Appli	Appli	4, Appl	Appli	S, Appl	. Appl	Appli	Appli
	Description	Sequence 2, Appli	Sequence 63, App	Sequence 1	Sequence 5	Sequence 9, Appli	Sequence 5	Seguence 9	Sequence 4	Sequence 14	Sequence 2	Sequence 1	Seguence 20	Sequence 4	Segmence 8
SUMMARIES	ID	US-09-057-351-2	US-09-835-370-63	US-10-463-076-1	US-10-122-630-5	US-10-122-630-9	US-10-122-633-5	US-10-122-633-9	US-10-255-535-4	US-10-255-535-14	US-10-359-935-2	US-10-181-823-16	US-10-181-823-20	US-09-893-252-4	US-10-463-076-8
	h DB	1 9	1 10	1 13	1 15	1 15	1 15	1 15	1 15	1 15	1 15	1 17	1 17	3 10	3 13
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oko	Query Match Length DB I	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	Score	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	Result No.	П	7	æ	41	Ŋ	9	7	œ	σ	10	11	12	13	14
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15 US-10-038-335	US-10-038-335	15 US-10-347-25	15 US-10-36	1	8 US-08-463-404-	8 US-08-46	8 9 US-09-057-351-	8 9 US-09-947-659-	9 US-09-94	18 9 US-09-947-659-7	10 US-09-	13 UE	US-10-325-810-52		13 US-10-46	15 US-10-1	15 U	US-10-2		15 US-10-044-692-29			15 US-10-336-265-1			15 US-10-336-26			15 US-10-323-03	18 15 US-10-330-872-6
15 11 100.0	11 100.	7 11 100.	11	9 11	20 1	1 11 100.	2 11 100.0	3 11 100.0	4 11 100.0	5 11 100.0	6 11 100.	7 11	11	9 11 100.	0 11 100.	1 11 100.	2 11 100.	3 11 100.	11 100.	5 11 100.	6 11 100.	7 11 100.	8 11 100.	9 11 100.	11 100.	11 100.	11 100.	11 100.		45 11 100.0

ALIGNMENTS

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; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide with potential inhibition activity
VS-10-463-076-1
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Sequence 5, Application US/10122630

Sequence 5, Application US/10122630

Sequence 5, Application Would Sequence 5, Sublication Would Sequence 6, Sublication Would Sequence 7, Sublication Would Sequence 7, Sublication Would Sequence 8, Sublication Would Sequence 7, Sublication Would Sequence 7, Sublication Would Sequence 8, Sublication Would Sequence 7, Sublication Would Seque
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100.0%; Pred. No. 6.3e+03;
iive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%; Score 11; DB 13; 100.0%; Pred. No. 6.3e+03;
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SOFTWARE: FastSEQ for Windows Version 4.0
   PRIOR APPLICATION NUMBER: US 60/153,201
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/160,444
PRIOR FILING DATE: 1999-10-19
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
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                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
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Best Local Similarity
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US-10-122-630-9/c
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LENGTH: 11
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                                                                                                                                                                                                                                    LENGTH:
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APPLICANT: Pongracz, Krisztina
APPLICANT: Marray, Tracey
TILLE OF INVORTION: Oligonucleotide N3'-->P5' Thiophosphoramidates: Their Synthesis
FILE REFERENCE: 039/004C
CURRENT APPLICATION NUMBER: US/10/463,076
CURRENT FILING DATE: 2003-06-17
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Publication No. US20030022172A1
GENERAL INFORMATION:
APPLICANT: UHLMANN, EUGEN
APPLICANT: UHLMANN, EUGEN
APPLICANT: WILL, DAVID W
TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND
TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND
TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND
TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND
TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND
TITLE OF INVENTION: POLYAMIDE 1.940/835,370
CURRENT APPLICATION NUMBER: US/09/835,370
CURRENT FILING DATE: 2001-04-17
NUMBER OF SEQ ID NOS: 64
SOFTWARE: PATENTIN VET: 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Description of Artificial Sequence: nucleotic OTHER INFORMATION: base sequence of PNA derivatives that bind to OTHER INFORMATION: viral and cellular targets
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100.0%; Score 11; DB 9; Length 11; 100.0%; Pred. No. 6.3e+03;
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                                                                         015389-000821US
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PRIOR APPLICATION NUMBER: US 09/657,445
PRIOR FILING DATE: 2000-09-08
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NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFRENCE/DOCKET NUMBER: 0153:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
INFORMATION SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
IENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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US-09-057-351-2
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Matches 11; Conserv
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US-10-463-076-1
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LENGTH: 11
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100.0%; Score 11; DB 15; Length 11; 100.0%; Pred. No. 6.3e+03;
                                               APPLICANT: Glichrest, Barbara A.
APPLICANT: Eller, Mark S.
APPLICANT: Baler, Mark S.
APPLICANT: Yaar, Mina
TITLE OF INVENTION: Method to Inhibit Cell Growth Using
TITLE OF INVENTION: Oligonucleotides
FILE REFERENCE: 0054.1088-019
CURRENT APPLICATION NUMBER: US/10/122,633
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Best Local Similarity 100.0%; Pred. No. 6.3e+03;
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APPLICANT: Gryaznov, Sergei
APPLICANT: Pongracz, Kristina
APPLICANT: Tolman, Richard L.
APPLICANT: Tolman, Richard L.
APPLICANT: Morin, Gregg B.
TITLE OF INVENTION: Oligonucleotide Conjugates
FILE REFERENCE: 072/002P
CURRENT APPLICATION NUMBER: US/10/255,535
CURRENT FILING DATE: 2002-09-25
PRIOR RILING DATE: 2002-03-21
PRIOR APPLICATION NUMBER: US 60/278,322
PRIOR FILING DATE: 2001-03-21
PRIOR FILING DATE: 2001-03-21
SOFTWARE: Patentin version 3.1
SEQ ID NO 4
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PRIOR FILING DATE: 2000-03-31
PRIOR FILING DATE: 2000-03-31
PRIOR FILING DATE: 2001-03-30
NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Synthetic DNA Fragment
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; OTHER INFORMATION: oligonucleotide
US-10-255-535-4
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Publication No. US20030138814A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence
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           Publication No. US20030032611A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity 100.
Matches 11; Conservative
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US-10-255-535-4
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; Sequence 5, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchreet, Barbara A.; APPLICANT: Gilchreet, Mark S.; APPLICANT: Eller, Mark S.; TITLE OF INVENTION: Method to Inhibit Cell Growth Using; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-019
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540, 843
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR PELICATION NUMBER: 2010-03-31
; PRIOR PELICATION NUMBER: 2010-03-31
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 11
TITLE OF INVENTION: Method to Inhibit Cell Growth Using
TITLE OF INVENTION: Oligonucleotides
FILE REFERENCE: O1896-018
CURRENT PELLING DATE: 2002-04-12
CURRENT FILING DATE: 1058-018
PRIOR APPLICATION NUMBER: US 08/467,012
PRIOR APPLICATION NUMBER: PCT/US96/08386
PRIOR PILING DATE: 1995-06-06
PRIOR PILING DATE: 1996-03
PRIOR FILING DATE: 1996-03
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1098-03-31
PRIOR APPLICATION NUMBER: CT/US01/10162
PRIOR APPLICATION NUMBER: PCT/US01/10162
PRIOR APPLICATION NUMBER: PCT/US01/10162
PRIOR FILING DATE: 2000-03-31
PRIOR FILING DATE: 2001-03-30
PRIOR FILING DATE: 2001-03-30
NUMBER OF SEQ ID NOS: 15
SOFTWARE: FASTSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-5
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US-10-122-633-9/c
; Sequence 9, Application US/10122633
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
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Gaps

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Indels

FEATURE:

Matches

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Gaps

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Indels

Length 11;

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RESULT 11
US-10-181-823-16
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ZIP: 94111-3834

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/359,935
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, Eighth Floor CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 11; DB 15;
100.0%; Pred. No. 6.3e+03;
tive 0; Mismatches 0;
                                     APPLICANT: Geron Corporation
APPLICANT: Gryaznov, Sergei
APPLICANT: Gryaznov, Sergei
APPLICANT: Pongracz, Krisztina
APPLICANT: Tolman, Richard L.
APPLICANT: Tolman, Richard L.
APPLICANT: Morin, Gregg B.
TITLE OF INVENTION: Oligonucleotide Conjugates
FILE REFERENCE: 072/02P
CURRENT APPLICATION NUMBER: US/10/255,535
CURRENT APPLICATION NUMBER: PCT/US02/09138
PRIOR FILING DATE: 2002-03-23
PRIOR FILING DATE: 2002-03-23
PRIOR FILING DATE: 2002-03-23
NUMBER OF SEQ ID NOS: 19
SEQ ID NO 14
LENGTH: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 07-Feb-2003
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/057,351
FILING DATE: 08-APR-1994
APPLICATION NUMBER: US 08/272,102
FILING DATE: 07-UL-1994
APPLICATION NUMBER: US 08/330,123
FILING DATE: 27-CCT-1994
APPLICATION NUMBER: US 08/472,802
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Andrews, William H.
TITLE OF INVENTION: Mammalian Telomerase
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 2, Application US/10359935
Publication No. US20030153076A1
GENERAL INFORMATION:
APPLICANT: Villeponteau, Bryant
                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: oligonucleotide
US-10-255-535-14
                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
Publication No. US20030138814A1 GENERAL INFORMATION:
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Funk, Walter
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Best Local Similarity 100.
Marches 11; Conservative
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US-10-359-935-2/c
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Publication No. US2004012675241

Publication No. US2004012675241

Publication No. US2004012675241

SEQUENCE INFORMATION:
APPLICANT: Geron Corporation
APPLICANT: Geron Corporation
APPLICANT: Schultz, Ronald G
TITLE OF INVENTION: 2'-Arabino-Fluoroligonucleotide N3'-->P5' Phosphoramidates: Their
TITLE OF INVENTION: Synthesis and Use
FILE REPERBUCE: 049/002
CURRENT APPLICATION NUMBER: US/10/181,823
CURRENT FILING DATE: 2003-12-29
PRIOR APPLICATION NUMBER: PCT/US01/01918
PRIOR APPLICATION NUMBER: PCT/US01/01918
NUMBER OF SEQ ID NOS: 23
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 20, Application US/10181823

Publication No. US20040126752A1

GENERAL INFORMATION:
APPLICANT: Geron Corporation
APPLICANT: Graznov, Sergei
APPLICANT: Schultz, Ronald G
TITLE OF INVENTION: 2'-Arabino-Fluoroligonucleotide N3'-->P5' Phosphoramidates: Their
TITLE OF INVENTION: Synthesis and Use
TITLE PEPERBNCE: 049/002
CURRENT APPLICATION NUMBER: US/10/181,823
CURRENT FILING DATE: 2003-12-29
FRIOR FILING DATE: 2001-01-19
FRIOR FILING DATE: 2010-01-19
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REFERENCE/DOCKET NUMBER: 015389-000821US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 11; DB 15; 100.0%; Pred. No. 6.3e+03;
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                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
MOLECULE TYPE: RNA
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
                                TELECOMMUNICATION INFORMATION
                                                                                              INFORMATION FOR SEQ ID NO: 2:
SEGUING REA SEQ ID NO: 2:
SEGUING CHARACTRRISTICS:
LENGTH: 11 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0;
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STRANDEDNESS: single
                                                                     TELEPHONE: (415)
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Best Local Similarity 100.
Matches 11; Conservative
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Best Local Similarity 100.
Matches 11; Conservative
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US-10-181-823-16
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Search completed: August 2, 2004, 02:14:42 Job time : 196.049 secs
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Best Local Similarity 63.6
Matches 7; Conservative
         11; Conservative
                                                  1 GTTAGGGTTAG 11
                                                                                           3 GTTAGGGTTAG 13
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APPLICANT: Gryaznov, Sergei
APPLICANT: Gryaznov, Sergei
APPLICANT: Marray, Tracey
TITLE OF INVENTION: Oligonucleotide N3'-->P5' Thiophosphoramidates: Their Synthesis if FILE REPERENCE: 039'004C
CURRENT APPLICATION NUMBER: U5/10/463,076
CURRENT FILING DATE: 2003-06-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Synthetic oligonucleotide with potential inhibition activity
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                                                                                                         100.0%; Score 11; DB 17; Length 11; 100.0%; Pred. No. 6.3e+03;
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                                                                                                                                                            0; Indels
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4; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Styczynski, Peter
APPLICANT: Styczynski, Peter
APPLICANT: Ahluwalia, Gurpreet S.
TILLB OF INVENTION: REDUCTION OF HAIR GROWTH
FILE REFERENCE: 00216-552001
CURRENT APPLICATION NUMBER: US/09/893,252
CURRENT FILING DATE: 2001-10-12
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                       0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: US/10/463,076

PRIOR APPLICATION NUMBER: US 09/657,445

PRIOR FILING DATE: 2000-09-08

PRIOR PRIOR DATE: 1090-010

PRIOR PLING DATE: 1999-09-10

PRIOR PLING DATE: 1999-10-19

PRIOR PLING DATE: 1999-10-19

PRIOR PLING DATE: 1999-10-19

SOFTWARE: PATENTING NATE: 1999-10-19
                                                                                                                                                                                                                                                                                                                                                 Sequence 4, Application US/09893252
Publication No. US20030012755A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 8, Application US/10463076 Publication No. US20030212032A1 GENERAL INFORMATION:
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63.68; P
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Best Local Similarity 63.6
Matches 7; Conservative
                                                                                                                                                       11; Conservative
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                  TYPE: DNA ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Homo sapiens
                                                                                                           Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
                                                                US-10-181-823-20
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LENGTH: 11
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APPLICANT: BCKET, David J.

APPLICANT: Bornett, C. Frank
APPLICANT: Bennett, C. Frank
APPLICANT: Bennett, C. Frank
APPLICANT: Bennett, C. Frank
APPLICANT: Bennett, C. Frank
APPLICANT: Brown-Driver, Vickie
APPLICANT: Wingth Ming-yi
APPLICANT: Vickers, Timothy
APPLICANT: Anderson, Kevin
TITLE OF INVENTION: Modulation Of Telomere Length By Oligonucleotides Having A G-Core
FILE REFERENCE: ISIS-4976
FILE REFERENCE: ISIS-4976
CURRENT PELING DATE: 199-04-23
PRIOR FILING DATE: 1995-06-12
PRIOR FILING DATE: 1995-06-12
PRIOR FILING DATE: 1995-09-29
PRIOR FILING DATE: 1992-09-29
PRIOR FILING DATE: 1992-09-29
NUMBER OF SEQ ID NOS: 10
SOFTWARRE: PatentIn version 3.1
SEQ ID NO 1
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0
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Gaps
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Indels
0;
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63.6%; Pred. No. 6.3e+03;
tive 4; Mismatches 0;
Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: No. US20030096776Alel sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ) OTHER INFORMATION: Antisense sequence US-10-038-335-1
                                                                                                                                                                US-10-038-335-1; Sequence 1, Application US/10038335; Publication No. US20030096776A1; GENERAL INFORMATION:
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(0102N) YUDI8 8604 SIUI

us-09-540-843-4.rnpb

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August 1, 2004, 23:28:09 ; Search time 88.6585 Seconds (without alignments) 276.518 Million cell updates/sec
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| cgn2_6/ptodata/2/pubpna/US07_PUBCOMB.seq:*
2: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*
3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*
4: /cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq:*
5: /cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq:*
6: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:*
7: /cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq:*
8: /cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq:*
9: /cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq:*
10: /cgn2_6/ptodata/2/pubpna/US09_PUBCOMB.seq:*
11: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*
12: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*
13: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*
15: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*
16: /cgn2_6/ptodata/2/pubpna/US10A_PUBCOMB.seq:*
16: /cgn2_6/ptodata/2/pubpna/US10A_PUBCOMB.seq:*
16: /cgn2_6/ptodata/2/pubpna/US10A_PUBCOMB.seq:*
17: /cgn2_6/ptodata/2/pubpna/US10A_PUBCOMB.seq:*
18: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq:*
19: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq:*
19: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq:*
19: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq:*
19: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Total number of hits satisfying chosen parameters:
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Maximum Match 100%
Listing first 45 summaries
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5
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Maximum DB seq length: 200
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Perfect score:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Description	Sequence 4, Appli Sequence 6, Appli	4, 4	Sequence 178029.	Sequence 178043,	Sequence 3, Appli	7	'n	Sequence 7, Appli	Sequence 178029,	Sequence 178043,	Sequence 11, Appl	Sequence 17, Appl
SUMMARIES	US-10-122-630-4 US-10-122-630-6	US-10-122-633-4 US-10-122-633-6	US-10-027-632-178029	US-10-027-632-178043	US-10-122-630-3	US-10-122-630-7	US-10-122-633-3	US-10-122-633-7	US-10-027-632-178029	US-10-027-632-178043	US-09-142-593-11	US-09-927-886-17
DB	15	15	13	13	15	15	15	72	16	16	0	6
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0

Gaps .; 0

Query Match 100.0%; Score 5; DB 15; Length 5; Best Local Similarity 100.0%; Pred. No. 9.4e+08; Matches 5; Conservative 0; Mismatches 0; Indels

US-10-122-630-4

quence 6, B equence 113 equence 214 equence 224 equence 5, quence 623, quence 623, quence 2226 equence 2256 equence 2256 equence 2256 equence 2256 equence 2256	222 225 11, 13,	446664446
9-861-014-6 10-314-578-113 10-128-56-221 10-128-56-221 10-191-698-11 10-308-514-5 10-608-514-5 10-608-514-5 10-608-514-5 10-90-789-623 9-989-789-2226 9-999-186-625 09-990-186-625 09-990-186-625	US-09-989-994-2220 US-09-989-994-2256 US-10-122-630-1 US-10-122-633-1 US-10-096-596-32 US-10-378-558A-13 US-10-427-629-3 US-10-427-629-3	09 822 250 1 09 398 399 3 09 989 789 6 09 989 789 6 09 989 789 1 09 989 789 1 09 989 789 1
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US-10-122-633-6/c
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Publication No US20030032611A1

GENERAL INFORMATION:
APPLICANT: Glichrest, Barbara A.
APPLICANT: Glichrest, Barbara A.
APPLICANT: Taler, Mark S.
APPLICANT: Yaar, Man

TITLE OF INVENTION: Method to Inhibit Cell Growth Using
TITLE OF INVENTION: Method to Inhibit Cell Growth Using
FILE REFERENCE: 0054.1088-019
CURRENT APPLICATION NUMBER: US/10/122,633
FRIOR FILING DATE: 2002-04-12
PRIOR FILING DATE: 2000-03-31
PRIOR FILING DATE: 2000-03-31
PRIOR FILING DATE: 2000-03-31
PRIOR FILING DATE: 2001-03-30
NUMBER OF SEQ ID NOS: 15
STORTWARE FASTSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                   GENERAL INFORMATION:

APPLICANT: Gilchrest, Barbara A.

APPLICANT: Gilchrest, Mark S.

APPLICANT: Eller, Mark S.

APPLICANT: Eller, Mark S.

APPLICANT: Yaar, Mina

TITLE OF INVENTION: Method to Inhibit Cell Growth Using

TITLE DE REPERENCE: 0054-1088-018

FILE REPERENCE: 0054-1088-018

CURRENT APPLICATION NUMBER: US 08/467,012

PRIOR PILING DATE: 1995-06-06

PRIOR PILING DATE: 1996-06-06

PRIOR PILING DATE: 1996-06-03

PRIOR PILING DATE: 1996-03-31

PRIOR PILING DATE: 1998-03-26

PRIOR PILING DATE: 2000-03-31

PRIOR PILING DATE: 2000-03-31

PRIOR PILING DATE: 2000-03-31

PRIOR PILING DATE: 2001-03-30

PRIOR PILING DATE: 2001-03-30
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, OTHER INFORMATION: Synthetic DNA Fragment US-10-122-633-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Synthetic DNA Fragment US-10-122-630-6
                                                                                                                                                              US-10-122-630-6/c; Sequence 6, Application US/10122630; Publication No. US20030032610A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 100.0
Matches 5; Conservative
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GTATG 5
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GTATG 5
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US-10-122-633-4
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LENGTH: 5
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 Length 5;
                                                                                                                                                                                                   APPLICANT: Eller, Mark S.
APPLICANT: Yaar, Mina
TITLE OF INVENTION: Method to Inhibit Cell Growth Using
TITLE OF INVENTION: Oligonucleotides
FILE REPERENCE: 0054.1088-019
100.0%; Score 5; DB 15; 1
100.0%; Pred. No. 9.4e+08;
                            0; Mismatches
                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/10/122,633
CURRENT FILING DATE: 2002-04-12
PRIOR APPLICATION NUMBER: US 09/540,843
PRIOR FILING DATE: 2000-03-31
PRIOR FILING DATE: 2001-03-30
NUMBER OF SEQ ID NOS: 15
SEQ ID NO 6
SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-6
                                                                                                                                               ; Sequence 6, Application US/10122633; Publication No. US20030032611A1
GENERAL INFORMATION:
APPLICANT: Gilchrest, Barbara A.
                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
                            5; Conservative
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Gaps

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GENERAL INCREMISTION:

APPLICANT: Gilchrest, Barbara A.

APPLICANT: Gilchrest, Mark S.

APPLICANT: Eller, Mark S.

APPLICANT: Eller, Mark S.

TITLE OF INVENTION: Method to Inhibit Cell Growth Using
TITLE OF INVENTION: Oligomucleotides

TITLE REFERENCE: 0054-1088-018

FILLE REFERENCE: 0054-1088-018

CURRENT APPLICATION NUMBER: US 08/467,012

PRIOR FILLING DATE: 1995-06-06

PRIOR APPLICATION NUMBER: US 08/468,927

PRIOR APPLICATION NUMBER: US 09/048,927

PRIOR PILLING DATE: 1996-03-26

PRIOR FILLING DATE: 1996-03-26

PRIOR FILLING DATE: 2001-03-31

PRIOR FILLING DATE: 2001-03-31

PRIOR FILLING DATE: 2001-03-31

PRIOR APPLICATION NUMBER: PCT/US01/10162

PRIOR APPLICATION NUMBER: PCT/US01/10162

PRIOR SEQ ID NOS: 15

SOFTWARE: FactSEQ for Windows Version 4.0

SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%; Score 5; DB 15; Length 7; 100.0%; Pred. No. 6.7e+08;
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                                                                                                                                                                               NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3
PRIOR FILING DATE: 1996-06-03
PRIOR APPLICATION NUMBER: US 09/048,927
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/540,843
PRIOR FILING DATE: 2000-03-31
PRIOR PLICATION NUMBER: PC/USO1/10162
PRIOR FILING DATE: 2001-03-37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 7, Application US/10122630 Publication No. US20030032610A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Artificial Sequence
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US-10-122-633-3
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US-10-122-630-7
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APPLICANT: Wang, David G.

TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR PILING DATE: 2000-07-12
PRIOR PLILING DATE: 2000-07-20
PRIOR FILING DATE: 2000-03-24
PRIOR FILING DATE: 2000-03-24
PRIOR FILING DATE: 1999-11-23
PRIOR FILING DATE: 1999-11-23
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-38
PRIOR PRIOR OF SEQ ID NOS: 315720
SOFTWARE: Fastese for Windows Version 4.0
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APPLICANT: Gilchrest, Barbara A.
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Beller, Mark S.
TILLE OF INVENTION: Method to Inhibit Cell Growth Using;
TILLE OF INVENTION: Method to Inhibit Cell Growth Using;
TILLE OF INVENTION: Oligomucleotides
FILE REFERENCE: 0054.1088-018
CURRENT APPLICATION NUMBER: US/10/122,630
PRIOR APPLICATION NUMBER: US 08/467,012
PRIOR FILING DATE: 1995-06-06
PRIOR APPLICATION NUMBER: PCT/US96/08386
                                                                                                                                                       Length 7;
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                                                                                                                                                    100.0%; Score 5; DB 13; I
100.0%; Pred. No. 6.7e+08;
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Publication No. US20020198371A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 100.
Matches 5; Conservative
                                                                                                                                               Query Match
Best Local Similarity 100.
Matches 5; Conservative
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; ORGANISM: Human
US-10-027-632-178043
                                                                                                    US-10-027-632-178029
                                           TYPE: DNA
ORGANISM: Human
SEQ ID NO 178029
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Gaps

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US-LIVE/LOAD JAPPLICATION US/10027632

PUBLICATION NO. US20030204075A9

FURBERAL INFORMATION:

APPLICANT: Wang, David G.

TITLE OF INVENTION:

PRIOR PAPLICATION NUMBER: US/10/027,632

CURRENT APPLICATION NUMBER: US 60/218,006

PRIOR FILING DATE: 2002-04-30

PRIOR PILING DATE: 2000-07-12

PRIOR PILING DATE: 2000-04-20

PRIOR PILING DATE: 2000-04-20

PRIOR PILING DATE: 1999-11-23

PRIOR PILING DATE: 1999-11-23

PRIOR FILING DATE: 1999-11-23

PRIOR PILING DATE: 1999-08-09

PRIOR PILING DATE: 1999-08-09
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
FRIOR PELLORION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR PELLORION NUMBER: US 60/198,676
PRIOR PELLORION NUMBER: US 60/198,676
PRIOR PELLORION NUMBER: US 60/198,676
PRIOR PELLORION NUMBER: US 60/193,483
PRIOR PELLORION NUMBER: US 60/185,218
PRIOR PELLORION NUMBER: US 60/185,218
PRIOR APPLICATION NUMBER: US 60/185,339
PRIOR PELLORION NUMBER: US 60/167,363
PRIOR PELLORION NUMBER: US 60/156,358
PRIOR PELLORION NUMBER: US 60/156,358
PRIOR PELLORION NUMBER: US 60/156,358
PRIOR PELLORION NUMBER: US 60/146,002
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 178029
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Best Local Similarity 100.
Matches 5; Conservative
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Best Local Similarity
Matches 5; Conserv
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ORGANISM: Human
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Publication No. US20030032611A1

GENERAL INFORMATION:
APPLICANT: Glichrest, Barbara A.
APPLICANT: Eller, Mark S.
APPLICANT: Eller, Mark S.
TITLE OF INVENTION: Method to Inhibit Cell Growth Using
TITLE OF INVENTION: Oligonucleotides
TITLE OF INVENTION: Oligonucleotides
FILE REFERENCE: 0054.1088-019
CURRENT FILING DATE: 2002-04-12
PRIOR APPLICATION NUMBER: US/9/540,843
PRIOR FILING DATE: 2000-03-31
PRIOR FILING DATE: 2000-03-31
PRIOR FILING DATE: 2001-03-30
NUMBER OF SEQ ID NOS: 15
SEQ ID NO 7
LENGTH: 7
LENGTH: 7
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                                  APPLICANT: Eller, Mark S.
APPLICANT: Eller, Mark S.
APPLICANT: Yaar, Mina
TITLE OF INVENTION: Method to Inhibit Cell Growth Using
TITLE OF INVENTION: Oligonucleotides
FILE REFERENCE: 0054.1088-019
CURRENT PELINGN: 2002-04-12
PRIOR PILING DATE: 2002-04-12
PRIOR PILING DATE: 2000-03-31
PRIOR PILING DATE: 2001-03-30
NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3
LENGTH: 7
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100.0%; Pred. No. 6.7e+08;
Live 0; Mismatches 0;
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100.0%; Score 5; DB 15; L
Best Local Similarity 100.0%; Pred. No. 6.7e+08;
Matches 5; Conservative 0; Mismatches 0;
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US-10-027-632-178029/c
; Sequence 178029, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
               APPLICANT: Gilchrest, Barbara A. APPLICANT: Eller, Mark S. APPLICANT: Yaar, Mina
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Matches 5; Conservative
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US-10-122-633-7
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    Yant, Stephen
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Best Local Similarity
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US-09-861-014-6/c
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Patent No. US20020016975A1
GENERAL INFORMATION:
APPLICANT: HACKETT ET AL.
TITLE OF INVENTION: DNA-BASED TRANSPOSON SYSTEM FOR THE
TITLE OF INVENTION: INTRODUCTION OF NUCLEIC ACID INTO DNA OF A CELL
NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
ADDRESSEE: MUETING, RAASCH & GEBHARDT, P.A.
STREET: 19 NORTH FOURTH STREET, SUITE 203
CITY: MINNEAPOLIS
STATE: MINNESOTA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FO Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/09/142,593 FILLING DATE: 10-SEP-1998 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/040,664
FILING DATE: 11-MAR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/053,868
FILING DATE: 28-JUL-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/065,303
FILING DATE: 13-NOV-1997
PRIOR APPLICATION NUMBER: 60/065,303
FILING DATE: 11-MAR-1998
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 17, Application US/09927886
Patent No. US20020103152A1
GENERAL INFORMATION:
APPLICANT: Kay, Mark A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: SANDBERG, VICTORIA A. REGISTRATION NUMBER: 41,287
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: 11
TELECOMMUNICATION: TELEPHONE: 612-305-1226
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 11: SEQUENCE CHARACTERISTICS:
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Matches 5; Conservative
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GTATG 5
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TOPOLOGY: lir
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US-09-927-886-17/c
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APPLICANT: Steer, Clifford
APPLICANT: Kren, Betsy
APPLICANT: Kren, Betsy
APPLICANT: Linehan-Stieers, Cheryle
APPLICANT: Hackett, Perry
APPLICANT: Hackett, Perry
APPLICANT: Hackett, Perry
APPLICANT: Hackett, R.
APPLICANT: Hackett, Rerry
APPLICANT: Hackett, Rerry
APPLICANT: Hackett, Rerry
APPLICANT: NOWBER: US/09/861,014
CURRENT APPLICATION NUMBER: US/09/861,014
FRIOR APPLICATION NUMBER: US/09/861,014
FRIOR APPLICATION NUMBER: US/09/861,014
FRIOR APPLICATION NUMBER: US/00-05-19
FRIOR APPLICATION NUMBER: US/00-05-19
FRIOR FILING DATE: 2000-05-19
FRIOR FILING DATE: 2000-05-19
FRIOR FILING DATE: 2000-05-10
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn version 3.0
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TITLE OF INVENTION: Methods of In Vivo Gene Transfer Using a TITLE OF INVENTION: Methods of In Vivo Gene Transfer Using a TITLE OF INVENTION: Sleeping Beauty Transposon System; FILE REPERBENCE: STRN-160CIP; CURRENT APPLICATION NUMBER: US/09/927,886; CURRENT FILING DATE: 2001-08-10

PRIOR APPLICATION NUMBER: 60/162,279

PRIOR RILING DATE: 1999-11-7

PRIOR FILING DATE: 1999-11-7

NUMBER OF SEQ ID NOS: 19

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 17
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; OTHER INFORMATION; Direct repeat sequence
US-09-861-014-6
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Patent No. US20020115216A1
GENERAL INFORMATION:
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Best Local Similarity 100.0
Matches 5; Conservative
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Sequence 20, Appl
Sequence 10, Appl
Sequence 12, Appl
Sequence 3, Appli
Sequence 11, Appl
Sequence 11, Appli
Sequence 1, Appli
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80, Appl
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1, Appli
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Sequence 4, Appli
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                                                                    August 1, 2004, 21:08:23; Search time 17.6829 Seconds (without alignments) 156.917 Million cell updates/sec
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                                                                                                                                                                                                                                                                                                                                                                /cgn2_6/ptodata/2/ina/5A_COMB.seq:*
/cgn2_6/ptodata/2/ina/5B_COMB.seq:*
/cgn2_6/ptodata/2/ina/6A_COMB.seq:*
/cgn2_6/ptodata/2/ina/6B_COMB.seq:*
/cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
/cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-048-927-4

US-09-498-921-4

US-08-615-170-10

US-08-615-170-12

US-09-048-927-3

US-09-048-927-3

US-09-927-886-17

US-08-927-886-17

US-08-927-886-17

US-08-927-88-17

US-08-927-11

US-08-646-789A-8

US-08-646-789A-8

US-09-989-789-68

US-09-989-789-63

US-09-989-789-6220

US-09-989-789-623

US-09-989-789-63-03

US-09-989-789-63-03

US-09-989-789-63-03

US-09-989-789-63-03

US-09-989-789-63-03

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US-08-250-951-1
US-08-232-233-1
US-08-222-177A-422
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US-08-351-748-25
US-08-202-927-25
US-08-430-536A-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              .08-222-177A-422
                                                                                                                                                                                                                                     Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                682709 seqs, 277475446 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SUMMARIES
                                                                                                                                                                                                                                                                                                     Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                             nucleic search, using sw model
                                                                                                                                                                                     Gapop 10.0 , Gapext 1.0
                                                                                                                                                                                                                                                                                                                                                      Issued Patents NA:*
                                                                                                                    US-09-540-843-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        %
Query
Match Length D
                                                                                                                                                                         IDENTITY NUC
                                                                                                                                                                                                                                                              seq length: 0
seq length: 200
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                                                                                                                        Title:
Perfect score:
                                                                                                                                                                         Scoring table:
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Maximum DB
                                               OM nucleic
                                                                                                                                                   Sequence:
                                                                                                                                                                                                              Searched:
                                                                                                                                                                                                                                                                                                                                                      Database
                                                                       Run on:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Result
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  No.
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Sequence 45, Appl	Sequence 1, Appli	Sequence 23, Appl	Seguence 25, Appl	Sequence 174, App	Sequence 174, App	Sequence 45, Appl	Sequence 24, Appl	Sequence 33, Appl	Sequence 1, Appli	Sequence 30, Appl	Sequence 31, Appl	Sequence 174, App	Seguence 1, Appli	Sequence 174, App	Sequence 23, Appl	Sequence 34, Appl	Sequence 7, Appli
US-08-171-718-45	US-08-703-601-1	US-08-684-547-23	US-08-684-547-25	US-08-469-318-174	US-08-468-609A-174	US-08-478-087-45	US-09-063-450-24	US-09-063-450-33	US-09-123-638-1	US-08-646-695-30	US-08-875-533-31	US-08-446-872A-174	US-09-724-753-1	US-08-762-227A-174	US-09-475-947A-23	US-09-427-834A-34	US-09-445-388A-7
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28	c 29	30	31	32	33	34	c 35	36	c 37	38	39	40	c 41	42	43	44	c 45

ALIGNMENTS

RESULT 1	
; Sequence 20, App	-708-033-372B-20 Sequence 20, Application US/08855372B
; Patent No. 6090549	54.9
줊	
	Mirzabekov, Andrei D
	Parinov, Sergei V
	Barsky, Victor E
; APPLICANT: I	Svetlana A
; TITLE OF INVENTION:	יי
, NUMBER OF SEQUENCES:	QUENCES: 88
; CORRESPONDENCE ADDRESS:	CE ADDRESS:
; ADDRESSEE:	CHERSKOV & FLAYNIK
; STREET: 2(20 N. Wacker Drive
7	Chicago
	Illinois
١.	Imited Crates
	מודרת טרמרתי
; ZIF: 6060	
; COMPUTER READABLE FORM:	DABLE FORM:
; MEDIUM TYPE:	E: 3.50 inch, 1.4 MB storage
; COMPUTER:	D4
; OPERATING :	OPERATING SYSTEM: Microsoft Windows 98
; SOFTWARE:	Wordperfect
CURRENT APPL	CURRENT APPLICATION DATA:
APPLICATION NIMBER	N NIMBER: 118/08/855 3728
TAU DATITE	
ATAM MOTTANTION OF THE STATE OF	TO THE TOTAL
A TOTAL OF THE PARTY	
; AFFLICATION	ARFULCATION NUMBER 0.5. 08/58/,332
; FILLING DATE	FILING DATE: 16-JAN-96
; ATTORNEY/AGE	ATTORNEY/AGENT INFORMATION:
; NAME: Che	Cherskov, Michael J.
; REGISTRATION	REGISTRATION NUMBER: 33,664
; REFERENCE/I	REFERENCE/DOCKET NUMBER: ANL-IN-95-027
TELECOMMUNICA	TELECOMMUNICATION INFORMATION:
TELEPHONE	TELEPHONE: (312) 621-1330
TELEFAX	TELEFAX: (312) 621-0088
: INFORMATION FOR SEC ID NO:	SECTION STATE SECTION STATE SECTION SE
CECITENCE .	
LENGTH: 5 bases	Dane.
TYPE: TYPE: acid	
STATE OF STA	10 C C C C C C C C C C C C C C C C C C C
SIKANDEDNESS: NO	1 6090549 Applicable
: TOPOROTO	Toronosi
MOTERATION .	TO TOTAL DATA

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Gaps

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Query Match
Best Local Similarity 100.0%; Pred. No. 1e+08;
Matches 5; Conservative 0; Mismatches 0; Indels

Genomic DNA

; MOLECULE TYPE: ; HYPOTHETICAL: US-08-855-3728-20

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FILING DATE: 16-JAN-96
ATTORNEY/AGENT INFORMATION:
NAME: Cherskov, Michael
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Mirzabekov, Andrei D
APPLICANT: Mirzabekov, Andrei D
APPLICANT: Parinov, Sergei V
APPLICANT: Barsky, Victor E
APPLICANT: Kirillov, Bugene V
APPLICANT: Mirillov, Svetlana A
APPLICANT: Dubiley, Svetlana A
APPLICANT: Bubmarion is a Diagnostic Tool.
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSE: CHERSKOV & FLAYNIK
STREET: 20 N. Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ;
                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Yaar, Mina
APPLICANT: Bler, Mark
ITILE OF INVENTION: Use of Locally Applied DNA Fragments
FILE REFERENCE: BU94-68A2
CURRENT APPLICATION NUMBER: US/09/048,927
CURRENT APPLICATION NUMBER: 08/952,697
EARLIER APPLICATION NUMBER: 08/952,697
EARLIER FILING DATE: 1996-06-03
BARLIER FILING DATE: 1996-06-06
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100.0%; Score 5; DB 3; Length 5; 100.0%; Pred. No. 1e+08; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 08/855,372
FILING DATE: 13-MAY-97
APPLICATION NUMBER: U.S. 08/587,332
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/09/498,851 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 20, Application US/09498851
Patent No. 6440671
GENERAL INFORMATION:
                                                                                                                                        US-09-048-927-4; Sequence 4, Application US/09048927: Patent No. 6147056
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: DNA Fragment US-09-048-927-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Chicago
STATE: Illinois
COUNTRY: United States
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 100.
Best Local Similarity 100.
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: Wordperfect
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
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                                                            GTATG 5
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US-09-498-851-20
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0; Indels
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Patent No. 5776776

GENERAL INFORMATION

APPLICANT: AZAKIE, Anthony

APPLICANT: FARRANCE, Iain K.G.

APPLICANT: FARRANCE, Iain K.G.

APPLICANT: HALL, Deborah E.

APPLICANT: AFFRARY, Alexandre F.R.

APPLICANT: LARKIN, Sarah B.

TITLE OF INVENTION: DIEF-1 ISOFORMS AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Townsend and Townsend Khourie and Crew STREET: Steuart Street Tower, One Market Plaza CITY: San Francisco STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTMARE: Patentin 1.25
SOFTMARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/615,170
                                                                                                                                                                                                                                                                                                                                                                                               Query Match 100.0%; Score 5; DB 4;
Best Local Similarity 100.0%; Pred. No. 1e+08;
                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Mismatches
NAME: Cherskov, Michael J.
REGISTRATION NUMBER: 33,664
REFERENCE/DOCKET NUMBER: ANL-IN-95-027
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 621-1330
TELEPHONE: (312) 621-088
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                              LENGTH: 5 bases
TYPE: nucleic acid
STRANDEDNESS: No. 6440671 Applicable
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
ILING DATE: 04-FEB-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Heslin, James M.
REGISTRATION NUMBER: 29,541
REGISTRATION NUMBER: 2307U-0531;
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/01526
FILING DATE: 06-PEB-1995
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 94105-1493
COMPUTER REALABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (415) 326-2400
TELEFAX: (415) 326-2422
INFORMATION FOR SEQ ID NO: 10:
                                                                                                                                                                                                                                                                           TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
HYPOTHETICAL: yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                  5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: DITE NUMBER OF SEQUENCES: 32 CORRESPONDENCE ADDRESS:
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Gaps

0

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RESULT 7

1. Sequence 11, Application US/09142593

2. Sequence 11. Application US/09142593

3. Patent No. 6489458

4. GENERAL INFORMATION:

APPLICANT: HACKETT ET AL.

7. TILLE OF INVENTION: INTRODUCTION OF NUCLEIC ACID INTO DNA OF A CELL NUMBER OF SEQUENCES:

3. CORRESPONDENCE ADDRESS:

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                          0; Indels
                 Length 7;
                                                                                                                                                                                                                                                                                                                                                                 US-09-048-927-3
Sequence 3, Application US/09048927
Factor No. 6147056
GENERAL INPORMATION:
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Yaar, Mina
APPLICANT: LAIPE, Mark
TITLE OF INVENTION: Use of Locally Applied DNA Fragments
FILE REFERENCE: BU94-68A2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                               100.0%; Score 5; DB 1; Le
100.0%; Pred. No. 7.4e+07;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
100.0%; Score 5; DB 3; Lv
Best Local Similarity 100.0%; Pred. No. 7.4e+07;
Matches 5; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSE: MUETING, RAASCH & GEBHARDT, P.A. STREET: 119 NORTH FOURTH STREET, SUITE 203 CITY: MINNEAPOLIS STATE: MINNESOTA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/048,927
UNRENT FILING DATE: 1998-03-26
EARLIER APPLICATION NUMBER: 08/952,697
EARLIER FILING DATE: 1996-06-03
EARLIER FILING DATE: 1995-06-06
NUMBER: OF SEQ ID NOS: 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
; OTHER INFORMATION: DNA Fragment
US-09-048-927-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                             Query Match
Best Local Similarity 100.
Matches 5; Conservative
      MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                1 GTATG 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 GTATG 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2 GTATG 6
                                                                                                                                                                                                                                                                                    5 GTATG 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQ ID NO 3
                                                                                                                                                                                                                                                δ
                                                                                                                                                                                                                                                                                    qq
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0
                                                                                                                                                                                                                                                             100.0%; Score 5; DB 1; Length 7; 100.0%; Pred. No. 7.4e+07; Live 0; Mismatches 0; Indels
                                                                                                                                   NAME/KEY: misc_feature;
COCATION: 1..7
COTHER INFORMATION: /standard name= "Sph-II binding;
CTHER INFORMATION: site in SV40"
US-08-615-170-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: MAR, Janet H.
APPLICANT: FARRANCE, Iain K.G.
APPLICANT: FARRANCE, Iain K.G.
APPLICANT: HALL, Deborah E.
APPLICANT: SIEWART, Alexandre F.R.
APPLICANT: LARKIN, Sarah B.
TITLE OF INVENTION: DTEF-1 ISOFORMS AND USES THEREOF CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Townsend and Townsend Khourie and Crew STREET: Steuart Street Tower, One Market Plaza CITY: San Francisco STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: Patentin 1 2007/50 505
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/615,170
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Heslin, James M.
REGISTRATION NUMBER: 29,541
REFERENCE DOCKET NUMBER: 2307U-053120
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 326-2402
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 7 base pairs
TENGTH: 7 base pairs
TRYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/01526
FILING DATE: 06-FEB-1995
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 12, Application US/08615170
Patent No. 5776776
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: ORDAHL, Charles P. APPLICANT: AZAKIE, Anthony
                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 100.
Matches 5; Conservative
SEQUENCE CHARACTERISTICS:
                   1: 7 base pairs
nucleic acid
DEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                 MOLECULE TYPE: DNA
                                                                              linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           94105-1493
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                                                       STRANDEDNESS:
TOPOLOGY: lir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-615-170-12/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 5
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Gaps

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GENERAL INFORMATION:
APPLICANT: McDonagh, Kevin T.
APPLICANT: Nichhuis, Arthur
APPLICANT: Nichhuis, Arthur
TITLE OF INVENTION: IMPROVED EXPRESSION OF HUMAN
TITLE OF INVENTION: MULTIDRUG RESISTANCE GENES AND IMPROVED
TITLE OF INVENTION: SELECTION OF CELLS TRANSDUCED WITH SUCH GENES
NUMBER OF SEQUENCES: 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%; Score 5; DB 2; Length 9; 100.0%; Pred. No. 5.8e+07; Live 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 8, Application US/08646789A
Patent No. 6022863
GENERAL INFORMATION:
APPLICANT: Payman, John A.
TITLE OF INVENTION: REGULATION OF GENE EXPRESSION
NUMBER OF SEQUENCES: 101
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDWONDS
STREET: 1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
ADDRESSEE: Cecchi & Stewart
STREET: 6 Becker Farm Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPOSED SYSTEM:
OPERATE: DW4.V2
SOCTWARE: DW4.V2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/583,276
TING DATE: 0.5-UAN-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/332,444
FILING DATE: 31-0CT-1994
APPLICATION NUMBER: 07/887,712
FILING DATE: 22-MAY-1992
INFORMATION FOR SEG ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  inch diskette
                                                                      RESULT 9
10S-08-383-276-1
1 Application US/08583276
1 Patent No. 5837536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: O7069
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk
COMPUTER: 18M PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: DW4.V2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DESCRIPTION: Genomic DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: singular
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy di
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     5; Conservative
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STATE: New Jersey
COUNTRY: USA
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Best Local Similarity
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         6 GTATG 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE:
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US-08-646-789A-8
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Patent No. 6613752

General Information:

APPLICANT: Kay, Mark A.

APPLICANT: Yant, Stephen

TITLE OF INVENTION: Sleeping Beauty Transfer Using a

TITLE OF INVENTION: Methods of In Vivo Gene Transfer Using a

TITLE OF INVENTION: Methods of In Vivo Gene Transfer Using a

TITLE OF INVENTION: Sleeping Beauty Transposon System

FILE REPERENCE: STAN-1660IP

CURRENT APPLICATION NUMBER: US/09/927, 886

CURRENT APPLICATION NUMBER: 60/162,279

PRIOR FILING DATE: 1999-110-28

PRIOR FILING DATE: 1999-110-7

NUMBER OF SEQ ID NOS: 19

SOFTWARE FEALSEQ for Windows Version 4.0

SEQ ID NO 17
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100.0%; Score 5; DB 4; Length 8;
Best Local Similarity 100.0%; Pred. No. 6.5e+07;
Matches 5; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 5; DB 4; Length 8; 100.0%; Pred. No. 6.5e+07; tive 0; Mismatches 0; Indels
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/142,593
FILING DATE: 10-SEP-1998
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/040,664
FILING DATE: 11-MAR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/053,868
FILING DATE: 28-JUL-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/065,303
FILING DATE: 13-NOV-1997
PRIOR APPLICATION NUMBER: 60/065,303
FILING DATE: 11-MAR-1998
ATTORNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 41,287
REGISTRATION NUMBER: 41,287
REGISTRATION INFORMATION:
NAME: SANDBERG, VICTORIA A.
REGISTRATION INFORMATION:
TELEPHONE: 612-305-1226
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: 11: SEQUENCE CHARACTERISTICS: LENGTH: 8 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ...wgle
..vevulOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-142-593-11
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       612-305-1228
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: single
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Best Local Similarity
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US-09-927-886-17/c
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Query Match
Best Local Similarity 60.0
Matches 3; Conservative
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1 GUAUG 5
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Fatent No. 6022663
GENERAL INFORMATION:
APPLICAMT PEYMAN, John A.
TITLE OF INVENTION: REGULATION OF GENE EXPRESSION
NUMBER OF SEQUENCES: 101
CORRESPONDENCE ADDRESS:
ADDRESSE: PENNIE & EDMONDS
SIREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: US. A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
COMPUTER: EMP PC COMPATIBLE
COMPUTER: ISM PC COMPATIBLE
CO
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SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/646,789A
FILING DATE: May 21, 1996
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Mistrock, S. Leelie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6523-006
TELECOMMUNICATION INFORMATION:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FPILICATION NUMBER: US/08/646,789A
FILING DATE: MAY 21, 1996
CLASSIFICATION: 800
                                                                                                                                                                                                                                              ATTORNEY AGENT INFORMATION:
NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6523-006
TELEPHONE: (212) 790-9090
TELEPHONE: (212) 790-9090
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          : (212) 790-9090
(212) 869-9741/8864
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (212) 869-9741/880
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 80:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
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STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 9 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
Matches 5; Conserva
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US-08-646-789A-80
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Sequence 68, Application US/09319648

Patent No. 6451530
GENERAL INFORMATION:
APPLICANT: Hawkins, Mary
TITLE OF INVENTION: Fluorescent Nucleotide Analog Hairpin
Formation for Detection of Nucleic Acid Hybridization
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; Sequence 1, Application US/09048927
; Fatent No. 197056
; Fatent No. 197056
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Eller, Mark
; APPLICANT: Eller, Mark
; TITLE OF INVENTION: Use of Locally Applied DNA Fragments
; TILE REFERENCE: BU94-68A2
; CURRENT APPLICATION NUMBER: US/09/048,927
; CURRENT FILING DATE: 1996-06-03
; BARLIER FILING DATE: 1996-06-03
; BARLIER FILING DATE: 1996-06-03
; BARLIER FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FASTSEQ FOR WINDOWS Version 3.0
                                                  0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Indels
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  Length 9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSER: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 100.0%; Score 5; DB 3; Le
Best Local Similarity 100.0%; Pred. No. 5.8e+07;
Matches 5; Conservative 0; Mismatches 0;
100.0%; Score 5; DB 3; I
60.0%; Pred. No. 5.8e+07;
tive 2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/319,648
FILING DATE: 30-Jul-1999
CLASSIFICATION: <UNKNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US 60/032,844
FILING DATE: 13-DEC-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; FEATURE:
; OTHER INFORMATION: DNA Fragment
US-09-048-927-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Description of Artificial Sequence: example target; OTHER INFORMATION: DNA US-09-989-789-623
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 623, Application US/09989789
Fatent No. 6588746
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: POSITION DEBENDENT RECOGNITION OF GNN NUCLEOTIDE
TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
CURRENT APPLICATION NUMBER: US/09/989,789
CURRENT FILING DATE: 2002-03-25
NUMBER OF SEQ ID NOS: 4085
SOCTWARE: PatentIn Ver. 2.0
SEQ ID NO 623
LENGTH: 9
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APPLICANT: LIU, Qiang
TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
TITLE REPERENCE: 8325-0011.20 / S11-US2
CURRENT APPLICATION NUMBER: US/09/989,789
CURRENT FILING DATE: 2002-03-25
NUMBER OF SEQ ID NOS: 4085
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2220
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                                                                             REGISTRATION NUMBER: 48,631

REGISTRATION NUMBER: 48,631

TELEROWUNICATION INFORMATION:
TELEPHONE: (415) 576-0200

TELEFARM: (415) 576-0300

INFORMATION FOR SEQ ID NO: 68:
SEQUENCE CHARACTERISTICS:
APPLICATION NUMBER: WO PCT/US97/22448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mismatches
                                                                                                                                                                                                                                                                         ; TOPOLOGY: linear; SINGle
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 68: US-09-319-648-68
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 2220, Application US/09989789; Patent No. 6588746
                   FILING DATE: 10-DEC-1997 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ..
                                                                                                                                                                                                                             LENGTH: 9 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 100.
Matches 5; Conservative
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Best Local Similarity 100.
Matches 5; Conservative
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7 GTATG 3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 14
US-09-989-789-623/c
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US-09-989-789-2220
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TYPE: DNA

ONGANISM: Artificial Sequence

COTHER INFORMATION: Description of Artificial Sequence: example target

COTHER INFORMATION: DNA

US-09-989-789-2220

OUGETY Match

Best Local Similarity 100.0%; Score 5; DB 4; Length 9;

Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY IGTATG 5

| | | | | | |

Db 4 GTATG 8

Search completed: August 1, 2004, 23:41:53

Job time: 17.6829 secs
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us-09-540-843-3.rni

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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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OM nucleic - nucleic search, using sw model

August Run on:

1, 2004, 21:08:23 ; Search time 24.7561 Seconds (without alignments) 156.917 Million cell updates/sec

US-09-540-843-3 Title: Perfect score:

1 agtatga 7 Sequence: IDENTITY_NUC Gapop 10.0 , Gapext 1.0 Scoring table:

682709 segs, 277475446 residues Searched: Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

/cgn2_6/ptodata/2/ina/5A_COMB.seq:*
/cgn2_6/ptodata/2/ina/5B_COMB.seq:*
/cgn2_6/ptodata/2/ina/6A_COMB.seq:*
/cgn2_6/ptodata/2/ina/6B_COMB.seq:*
/cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
/cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:* Issued_Patents_NA:* Database:

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Description	Sequence 3, Appli	<u>.</u>	Sequence 12, Appl	22,	27,	4, 7	24	327	Sequence 2, Appli	4	13	1315	28, AI	33,	34,	. 9	7,	13		6,	7	7	H	7	59,	Sequence 24, Appl	Ŋ
	ID	US-09-048-927-3	US-09-048-927-1	US-09-922-445-12	US-09-922-445-22	US-08-485-133-27	US-08-744-905A-4	US-08-334-847-24	US-08-334-847-327	US-08-671-071B-2	US-08-747-121-4	US-08-585-684B-130	US-08-585-684B-1315	US-08-485-133-28	US-09-094-714A-33	US-09-094-714A-34	US-09-049-190-6	US-09-049-190-7	US-09-038-073-130	US-09-038-073-1315	US-08-932-140C-6	US-08-932-140C-7	US-09-253-977-2	US-09-272-343-1	US-09-272-343-2	US-07-977-284A-59	US-08-719-593-24	US-08-256-426B-59
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	Query Match Length	7		13	13	14	14	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	16	16	16
040	Query	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	Score	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	ult No.	-	7	٣	4	Ŋ	Q	7	8	σ	10	11	12	13	14	15	16	17	18	19	20	21	22	23			56	27
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Appli	, App	App,	, App	App		Appli	Appli	Appli	App,	, App	6, Appli	, App					
H	125,	126	461	461,	365	367	369	371	813	815,	9	9	7	443	444,		443,
Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence
US-08-458-814-1	US-09-479-005A-125	US-09-479-005A-126	US-08-390-850-461	US-08-435-634-461	US-08-758-306-365	US-08-758-306-367	US-08-758-306-369	US-08-758-306-371	US-08-758-306-813	US-08-758-306-815	US-08-671-320-6	US-08-868-577-6	US-08-485-133-2	US-08-985-162-443	US-08-985-162-444	US-09-207-914-6	US-09-401-063-443
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16	16	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
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ALIGNMENTS

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Gaps
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                                                        GENERAL INCORPATION:
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Yaar, Mina
APPLICANT: Eller, Mark
TITLE OF INVENTION: Use of Locally Applied DNA Fragments
FILE REFERENCE: BU94-68A2
CURRENT APPLICATION NUMBER: US/09/048,927
CURRENT FILING DATE: 1998-03-26
EARLIER FILING DATE: 1996-06-03
EARLIER FILING DATE: 1996-06-06
NUMBER OF SEQ ID NOS: 4
SOFTWARE: PASLSEQ for Windows Version 3.0
SEQ ID NO 3
LENGTH: 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 7; DB 3; Length 7; 100.0%; Pred. No. 7.5e+07; cive 0; Mismatches 0; Indels
                     Sequence 3, Application US/09048927
Patent No. 6147056
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: DNA Fragment US-09-048-927-3
                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 7; Conservative
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US-09-048-927-3
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1 AGTATGA 7

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GENERAL INFORMATION:
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Yaar, Mina
APPLICANT: Yaar, Mina
TITLE OF INVENTION: Use of Locally Applied DNA Fragments
FILE REFERENCE: BU94-68A2
CURRENT FILING DATE: 1998-03-26
BARLIER APPLICATION NUMBER: 08/952,697
EARLIER FILING DATE: 1996-06-03
BARLIER APPLICATION NUMBER: 08/952,697
BARLIER APPLICATION NUMBER: 08/952,697 ; Sequence 1, Application US/09048927 ; Patent No. 6147056 US-09-048-927-1 RESULT 2

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Matches
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Fatent No. 6528268
GENERAL INFORMATION:
APPLICANT: Berglund, Lars G. T.
APPLICANT: Reneland, Rikard H.
CURRENT APPLICATION: REAGENTS AND METHODS FOR DETECTION OF HEART FAILURE
FILE REPERRENCE: GG126US
CURRENT APPLICATION NUMBER: US/09/922,445
CURRENT FILING DATE: 2001-08-03
NUMBER OF SEQ ID NOS: 51
SOFTWARE: Patentin version 3.1
SSOTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Andersson, Maria K.
APPLICANT: Berglund, Lars G. T.
APPLICANT: Reneland, Rikard H.
APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: AREA GAIL I. R.
TITLE OF INVENTION: REGENERS AND METHODS FOR DETECTION OF HEART FAILURE FILE REFERENCE: GG126US
                                                                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
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1.1e+04;
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1.1e+04;
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                                                                                                                                                                                                                        100.0%; Score 7; DB 3; Length 9; 100.0%; Pred. No. 5.8e+07; Live 0; Mismatches 0; Indels
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CURRENT FILING DATE: 2001-08-03
NUMBER OF SEQ ID NOS: 51
SOFURARE: Patentin version 3.1
SEQ ID NO 22
LENGTH: 13
EARLIER FILING DATE: 1995-06-06
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 7; 100.0%; Pred. No.
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Patent No. 6528268
                                                                                                                                                             ), OTHER INFORMATION: DNA Fragment
US-09-048-927-1
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                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 7, Conservative
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Best Local Similarity
Matches 7; Conserva
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COGANISM: Synthetic
US-09-922-445-12
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CORGANISM: Synthetic
US-09-922-445-22
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US-09-922-445-12/c
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US-09-922-445-22
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Score 7; Pred. No.

Query Match Best Local Similarity

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Patent No. 5976789
GENERAL INFORMATION:
APPLICANT: Allibert, Patrice A.
APPLICANT: Mach, Bernard F.
APPLICANT: Mandrand, Bernard F.
APPLICANT: Tiercy, Jean-Marie
TITLE OF INVENTION: SYSTEM OF PROBES ENABLING HLA-DR TYPING
TITLE OF INVENTION: TO BE PERFORMED, AND TYPING METHOD USING SAID PROBES
    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
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Sequence 4, Application US/08744905A

Sequence 1. Application US/08744905A

Patent No. 5990294

GENERAL INFORMATION:
APPLICANT: Murphy, Gerald
APPLICANT: Boynton, Alton
APPLICANT: Sehgal, Anil
TITLE OF INVENTION: SEQUENCES OF C4-2, A TUMOR SUPPRESSOR GENE,
TITLE OF INVENTION: SEQUENCES OF C4-2, A TUMOR SUPPRESSOR GENE,
    6
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Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
CURLICATION NUMBER: US/08/485,133
FILING DATE: 7-UNN-1995
         ·.
    Mismatches
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REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 28596A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: P.O. BOX 19928
CITY: Alexandria
STATE: Virginia
STATE: Virginia
SIP: 22320
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPATI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 08/030,143
FILING DATE: 11-MAR-1993
GLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 100...
7; Conservative
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LENGTH: 14 base pairs
TYPE: nucleic acid
         7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: 703-836-64
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 8:
CORRESPONDENCE ADDRESS:
ADDRESSEE: OLIFF & BI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                linear
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8 AGTATGA 14
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                                                                                           1 AGTATGA 7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-485-133-27
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US-08-485-133-27
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Length 15;
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100.0%; Score 7; DB 1; I
Best Local Similarity 71.4%; Pred. No. 1.1e+04;
Matches 5; Conservative 2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: McSwiggen, James
APPLICANT: McSwiggen, James
APPLICANT: Pavco, Pam
APPLICANT: Woolf, Tod
TITLE OF INVENTION: McTHOD AND REAGENT FOR
TITLE OF INVENTION: SYNCYTIAL VIRUS
NUMBER OF SEQUENCES: 909
CORRESPONDENCE ADDRESS:
ADDRESSEE: LYON & LYON
CORRESPONDENCE ADDRESS:
         MADION TEELS: SCOTAGE
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENY APPLICATION DATA:
APPLICATION NUMBER: US/08/334,847
FILING DATE: NO. 5693532ember 4, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 269532ember 4, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 209/032
FILING DATE:
ATTORNEY/ASBNT INFORMATION:
NAME: WATCHOUGHER: 209/032
TELEPRANICATION NUMBER: 209/032
TELECOMMUNICATION INFORMATION:
TELEPAN: (213) 955-0440
TELEFAX: 67-3510
TELEFAX: 67-3510
TELER: 67-3510
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FILING DATE: NO. 5693532ember 4, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 327, Application US/08334847 Patent No. 5693532
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM COMPATIBLE OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
  storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ||:|:||
5 AGUAUGA 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 AGTATGA 7
MEDIUM TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-334-847-327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-334-847-24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LOCATION: 1 OTHER INFORMATION: Where N is any nucleotide
IITLE OF INVENTION: AND METHODS OF USE THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 24, Application US/08334847

Patent No. 5693532

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: McSwiggen, James
APPLICANT: Parco, Pam
APPLICANT: Parco, Pam
APPLICANT: Woolf, Tod
ITILE OF INVENTION: METHOD AND REAGENT FOR
ITILE OF INVENTION: INHIBITING RESPIRATORY
ITILE OF INVENTION: SYNCYTIAL VIRUS
NUMBER OF SEQUENCES: 909
CORRESPONDENCE ADDRESS.
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
                                                                                                                                                                                                                                                          CERAMING SYSTEM: DOS
SOFTWARE: FastSEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/744,905A
FILING DATE: 08-NOV-1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
FILING DATE:
FILING DATE:
APPLICATION NUMBER:
FILING DATE:
APPLICATION NUMBER:
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ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                               SSEE: Pennie & Edmonds
1: 1155 Avenue of the Americas
New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    8511-009
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ATCARBY AGENT INFORMATION:

NAME: Baldwin, Geraldine F

REGISTRATION NUMBER: 31,232

REFERENCE/DOCKET NUMBER: 8511

TELEPHONE: (212) 7909090

TELEPHONE: (212) 7909090

TELEX: 61121 BENNIE

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:
                                                                                                                                                                              ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
NAME/KEY: Modified Base
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Ouery Match
Best Local Similarity 100.v
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                   NUMBER OF SEQUENCES: 1. CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Los Angeles
STATE: California
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                                                                                                                                                               USA
                                                                                      STREET: 115
CITY: New 3
STATE: NY
COUNTRY: US
                                                               ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-744-905A-4
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linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-585-684B-130
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                                                                                                                         US-08-747-121-4/C
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-747-121-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: 1
STATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       à
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Patent No. 5811270
GENERAL INFORMATION:
APPLICANT: Grandgenett, Duane
APPLICANT: Grandgenett, Duane
TITLE OF INVENTION: An in vitro method for concerted integrase proteins.
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Grandgenett, Duane
STREET: 8610 Henrietta Ave
CITY: Brentwood
STATE: Missouri
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                                                                                                                                                                                                                                                                                                                                                                                                       100.0%; Score 7; DB 1; Length 15; 71.4%; Pred. No. 1.18+04; tive 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%; Score 7; DB 1; Length 15; 100.0%; Pred. No. 1.1e+04; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 63144
COMPUTER READABLE FORM:
MBDIUM TYPE: Distette, 3.5 inch;
COMPUTER: Gateway 2000, 4DX2-66E(Intel)
OPERATING SYSTEM: IBM clone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Microsoft Word
CURRENT APPLICATION DATA:
PAPLICATION NUMBER: US/08/671,071B
FILING DATE: 06/27/96
CLASSIFICATION: 435
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 962-0064
TELEPHONE: (314) 577-8406
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: no
| TELEPHONE: (213) 489-1600 | TELEFAX: (213) 955-0440 | TELEX: 67-3510 | TELEX: 87-3510 | TELEX: 85-3510 | T
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   5; Conservative
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Best Local Similarity 100.
Matches 7; Conservative
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TYPE: nucleic acid
STRANDEDNESS: double
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OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                ; TOPOLOGY: linear
US-08-334-847-327
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5 AGUAUGA 11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
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Gaps
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                                                              APPLICANT: Murphy, Gerald
APPLICANT: Boynton, Alton
APPLICANT: Boynton, Alton
APPLICANT: Sengal, Aniton
ITILE OF INVENTION: NUCLECTIDE AND AMINO ACID
ITILE OF INVENTION: SEQUENCES OF A D2-2 GENE ASSOCIATED WITH
ITILE OF INVENTION: BRAIN TUMORS AND METHODS BASED THEREON
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%; Score 7; DB 2; Length 15; 100.0%; Pred. No. 1.1e+04;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/747,121
CIASIPECATION: 514
PRIOR APPLICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTOMEY/AGENT INFORMATION:
NAME: Baldwin, Geraldine F
REGISTRATION NUMBER: 31,232
REGISTRATION NUMBER: 31,232
REGISTRATION NUMBER: 8511-008
TELEPHONE: (212)790909
TELEPHONE: (212)790909
                                                                                                                                                                                                                                                           ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 130, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ VETSION 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/747,
; Sequence 4, Application US/08747121; Patent No. 5874290; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM COMPATIBLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: Modified Base
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Ouery Match
Best Local Similarity luv...
7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          : 15 base pairs
nucleic acid
EDNESS: single
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|||||||| 9 AGTATGA 3

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APPLICATION NUMBER: US/08/585,684B
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 71.4
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      703-836-2787
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TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                ; TOPOLOGY: linear
US-08-585-684B-1315
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    5 AGUAUGA 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 AGTATGA 7
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US-08-585-648-1315
i Sequence 1315. Application US/08585684B
i Patent No. 5877021
i GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Stinchcomb, James
ITLE OF INVENTION: METHOD AND REAGENT FOR THE
ITLE OF INVENTION: METHOD AND REAGENT FOR THE
ITLE OF INVENTION: METHOD AND REAGENT FOR THE
ITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
ITTLE OF ADDRESS:
ADDRESSEE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; Score 7; DB 2; Length 15; Pred. No. 1.1e+04; 2; Mismatches 0; Indels
                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 810-2036
COMPUTER: ENCANGE
COMPUTER: IBM COMPACTION
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTESD VERSION 1.5
CURRENT APPLICATION DATA:
PAPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
PRICATION TOWNER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: 3.5" Diskette, 1.44 Mb MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
                  CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  130:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 71.4%; E
Matches 5, Conservative 2,
    NUMBER OF SEQUENCES: 2751
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 90071
COMPUTER READABLE FORM:
                                                                                                            CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              linear
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5 AGUAUGA 11
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TOPOLOGY: ]
US-08-585-684B-130
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yequence 28, Application US/08485133

yequence 28, Application:

APPLICANT: Allibert, Patrice A.

APPLICANT: Mandrand, Bernard F.

ADDRESSE: OLIFF & BERRIDGE

STREET: P.O. Box 19928

CONFUTER ReadAmble FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC Compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

PATLING TATE: 7-IN-1056

PATLING TATE: 7-IN-1056
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CLASSIFICATION: 435
PRIOR APPLICATION 435
PRIOR APPLICATION ATM:
APPLICATION DATE: 0.08 (030,143
FILING DATE: 11-MAR-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WHB 28596A
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      WPB 28596A
FILING DATE: January 16, 1996

FRICAR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: WATDUTG, RICHARD
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMUNICATION INFORMATION:
TELECOMUNICATION INFORMATION:
TELECHORE: (213) 955-0440
TELEFAX: (213) 955-0440
TELEFAX: 67-3510
INFORMATION FOR SEQ ID NO: 1315:
SEQUENCE CHARACTERISTICS:
LENGRATION FOR SEQ ID NO: TELECOMUNICATION:
TELECOMUNICATION: SEQ ID NO: TELECOMUNICATION:
SEQUENCE CHARACTERISTICS:
LENGRATION FOR SEQ ID NO: TELECOMUNICATION: SEQ ID NO: TELECOMUNICAT
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US-09-094-714A-34/C
                                    RESULT 15
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US-09-094-714A-33/C

Sequence 33, Application US/09094714A
Factor No. 61178A7
Factor No. 61178A7
FIRED PINEMATION:
APPLICANT: C. Frank Bennett, Nicholas M. Dean
FITLE OF INVENTION: PROTEIN KINASE C EXPRESSION
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSE: Woodcock Washburn Kurtz Mackiewicz & No. 6117847ris, LLP
FITLE One Liberty Place - 46th Floor
CITY: Philadelphia
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                                                                                                                                   100.0%; Score 7; DB 2; Length 15; 100.0%; Pred. No. 1.1e+04; ive 0; Mismatches 0; Indels
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ZIP: 1910

ZIP: 1910

ZUP: 1910

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

COMPUTER: IBM Fs/2

OPERATING SYSTEM: PC-DOS

SOFTWARE: WORDERREFCT 8.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/094,714A

FILING DATE: J998

CLASSIFICATION DATA:

APPLICATION NUMBER: 08/089,996

FILING DATE: 07-JUN-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/089,996

FILING DATE: 09-JUL-1993

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/852,852

FILING DATE: 16-MAR-1992

ATTORNEY/ASENT INFORMATION:

NAME: Paul K. Legaart OF SANA DESA

PRIOR APPLICATION NUMBER: 10 MARE: 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ISIS-2943
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TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 33: SEQUENCE CHARACTERISTICS:
                                                                                                                                Query Match
Best Local Similarity 100.
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    7; Conservative
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                                    linear
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Best Local Similarity
Matches 7; Conserv
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STRANDEDNESS:
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US-09-094-714A-33
                                ; TOPOLOGY:
US-08-485-133-28
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1 AGTATGA 7 ||||||| 12 AGTATGA 6

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Sequence 34, Application US/09094714A

Patent No. 6117847.

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett, Nicholas M. Dean
TITLE OF INVENTION: OLIGONUCLEOTIDES FOR ENHANCED MODULATION OF
TITLE OF INVENTION: PROTEIN KINASE C EXPRESSION
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEB: Woodcock Washburn Kurtz Mackiewicz & No. 6117847ris, LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
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                                                                                                                                                                                                                                                                                                         STATE: PA

COUNTRY: UGA

ZIP: 19103

ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 8.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/094,714A
FILING DATE: June 15, 1998
CLASSIFICATION DATA:
APPLICATION NUMBER: 08/601,269
FILING DATE: 14 FEB-1996
FILING DATE: 14 FEB-1996
FILING DATE: 17-UN-1995
FILING DATE: 07-UN-1995
FILING DATE: 07-UN-1995
FILING DATE: 07-UU-1993
APPLICATION NUMBER: 08/089,996
FILING DATE: 09-UU-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/01-1993
FILING DATE: 16-MAR-1995
FILING DATE: 07-UU-1993
FILING DATE: 16-MAR-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1, 2004, 23:41:53
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: IS
TELECOMMUNICATION: INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity luv...
7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-094-714A-34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Search completed: August
Job time: 25.7561 secs
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Sequence 3, Appli
Sequence 7, Appli
Sequence 7, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 31, Appl
Sequence 31, Appl
Sequence 31, Appl
Sequence 36, Appl
Sequence 58, Appl
Sequence 58, Appl
Sequence 69, Appl
Sequence 482, Appl
Sequence 482, Appl
                                                                         (without alignments)
276.518 Million cell updates/sec
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                                                                August 1, 2004, 23:28:09; Search time 124.122 Seconds
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Description
                                                                                                                                                                                                                                                                                                 GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-10-122-630-3

US-10-122-633-3

US-10-122-633-3

US-10-122-633-1

US-10-122-633-1

US-09-389-391-31

US-09-899-381-31

US-09-899-381-31

US-10-329-465-30

US-10-329-465-30

US-10-329-465-30

US-10-329-465-30

US-10-329-465-30

US-10-32-4-97

US-10-415-24-97

US-10-415-24-97
                                                                                                                                                                                                    Total number of hits satisfying chosen parameters:
                                                                                                                                                                                   3222919 segs, 2451570024 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SUMMARIES
                                                                                                                                                                                                                                                         Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                          nucleic search, using sw model
                                                                                                                                                 IDENTITY NUC Gapop 10.0 , Gapext 1.0
                                                                                                          US-09-540-843-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length
                                                                                                                              1 agtatga 7
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Maximum DB seq length: 200
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                                                                                                                                                                                                                                                                                                                                                                   Title:
Perfect score:
                                                                                                                                                 Scoring table:
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                                          OM nucleic
                                                                                                                              Sequence:
                                                                                                                                                                                   Searched:
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                                                                Run on:
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Sequence 7217, App Sequence 22, Appl Sequence 23, Appli Sequence 527, App Sequence 528, App Sequence 1527, App Sequence 1527, App Sequence 1527, App Sequence 1559, App Sequence 30, Appl Sequence 527, Appl Sequence 528, Appl Sequence 529, Appl Sequence 1529, Appl Sequence 1567, Appl Sequence 1570, Appl Sequence 1570, Appl Sequence 2, Appli 4558, Ap 4571, Ap 4558, Ap 7151, Ap 4558, 4571, Sequence S US-10-150-779A-16 US-09-740-332-4624 US-09-617-879-4624 US-09-617-879-4624 US-09-875-440-22 US-09-875-440-22 US-09-50-4-231A-528 US-09-50-4-231A-528 US-09-50-4-231A-1570 US-09-50-4-231A-1570 US-09-50-4-231A-1570 US-09-50-4-231A-1570 US-09-50-4-231A-1570 US-09-50-4-231A-1570 US-09-50-4-231A-1570 US-09-214-553D-528 US-09-274-553D-529 US-09-274-553D-529 US-09-274-553D-1570 US-09-274-553D-1570 US-09-274-553D-1569 US-09-274-553D-1569 US-09-274-553D-1569 US-09-274-553D-1569 US-09-274-553D-1569 US-09-274-553D-1569 US-09-274-553D-1569 US-09-274-553D-1569 US-09-274-553D-1569 US-09-274-553D-1570 US-09-274-553D-1569 US-09-740-332-4558 US-09-740-332-4571 US-09-817-879-4571 US-09-817-879-4571 US-10-440-850-88 US-10-440-850-569 US-10-440-850-269 US-10-133-50-26 υυυυ

ALIGNMENTS

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US-10-122-630-3

Fortune: 3, Application US/10122630

Fublication No. US20030032610A1

GENERAL INFORMATION:

APPLICANT: Gilchrest, Barbara A.

APPLICANT: Gilchrest, Barbara A.

APPLICANT: Gilchrest, Barbara A.

APPLICANT: Gilchrest, Barbara A.

APPLICANT: Bler, Mark S.

TITLE OF INVENTION: Method to Inhibit Cell Growth Using

TITLE OF INVENTION: Oligonucleotides

TITLE OF INVENTION: Oligonucleotides

TITLE OF INVENTION: Oligonucleotides

CURRENT FILING DATE: 1096-018

CURRENT FILING DATE: 1096-04-12

FRIOR APPLICATION NUMBER: US 08/467,012

PRIOR FILING DATE: 1996-03-26

PRIOR FILING DATE: 1998-03-26

PRIOR FILING DATE: 1998-03-26

PRIOR FILING DATE: 1001-03-30

NUMBER OF SEQ ION-03-31

NUMBER OF SEQ ID NOS: 15

SOGTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 3

LENGTH: 7

TYPE: DNA

TYP
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Gaps

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100.0%; Score 7; DB 15; Length 7; 100.0%; Pred. No. 6.8e+08;
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Sequence No. US20030032611A1
GENERAL INFORMATION:
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Eller, Mark S.
APPLICANT: Waar, Mina and TILE OF INVENTION: Method to Inhibit Cell Growth Using TILLE OF INVENTION: Oligonuclectides
FILE REFERENCE: Oligonuclectides
CURRENT APPLICATION NUMBER: US/10/122,633
CURRENT PELING DATE: 2002-04-12
PRIOR APPLICATION NUMBER: PS 09/540,843
PRIOR APPLICATION NUMBER: PS 09/540,843
PRIOR APPLICATION NUMBER: PS 09/540,843
PRIOR FILING DATE: 2001-03-31
PRIOR FILING DATE: 2001-03-31
NUMBER OF SEQ 1D NOS: 15
SOFTWARE: FastSEQ for Windows Version 4.0
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Sequence 1. Application US/10122630
Sequence 1. Application US/20030032610A1
GENERAL INFORMATION:
Sequence 1. Recommended to the publication No. US20030032610A1
Sequence 1. Recommended to the publication of the publication o
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100.0%; Pred. No. 6.8e+08;
iive 0; Mismatches 0;
                                                                                                        0; Mismatches
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; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence
Query Match
Best Local Similarity 100...
7; Conservative
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Best Local Similarity
Matches 7; Conserv
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1 AGTATGA 7
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APPLICANT: Gilchest, Mark S.
APPLICANT: Eller, Mark S.
APPLICANT: Eller, Mark S.
APPLICANT: Eller, Mark S.
TITLE OF INVENTION: Method to Inhibit Cell Growth Using
TITLE OF INVENTION: Oligomucleotides
FILE REPERENCE: 0054-1088-018
CURRENT APPLICATION NUMBER: US 08/467,012
PRIOR PLING DATE: 1995-06-06
PRIOR PLING DATE: 1996-06-06
PRIOR APPLICATION NUMBER: US 08/467,012
PRIOR APPLICATION NUMBER: US 09/048,927
PRIOR PLING DATE: 1996-03-36
PRIOR FILING DATE: 1996-03-36
PRIOR FILING DATE: 2000-03-31
PRIOR FILING DATE: 2000-03-31
PRIOR PLING DATE: 2001-03-30
PRIOR APPLICATION NUMBER: PCT/US01/10162
PRIOR PLING DATE: 2001-03-30
PRIOR PLING DATE: 2001-03-30
PRIOR SEQ ID NOS: 15
SOFTWARE: FASELED FOR Windows Version 4.0
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; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Giler, Mark S.
; APPLICANT: Eller, Mark S.
; APPLICANT: Taar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using; TITLE OF INVENTION: Method to Inhibit Cell Growth Using; FILE REFERENCE: 0054.1088-019
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: PT/US01/10162
; PRIOR PILING DATE: 2000-03-31
; PRIOR PILING DATE: 2001-03-30
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100.0%; Score 7; DB 15; I
Best Local Similarity 100.0%; Pred. No. 6.8e+08;
Matches 7; Conservative 0; Mismatches 0;
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; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-7
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SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                               ; Sequence 7, Application US/10122630; Publication No. US20030032610A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence
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US-10-122-633-3
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100.0%; Score 7; DB 9; Ler
100.0%; Pred. No. 1.6e+05;
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Best Local Similarity 100.0%; Pred. No. 1.6e+05;
Matches 7; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                       Sequence 31, Application US/09899381
Patent No. US20020068293A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: synthetic probe US-09-899-381-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Delenstarr, Glend C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 2137
SOFTWARE: PatentIn version 3.0
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ORGANISM: Artificial Sequence
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US-10-033-145-1423
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Best Local Similarity
Matches 7; Conserv
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LENGTH: 10
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| FARLIL CAN'U OSACULOSIS/SAIL
| GENERAL INFORMATION:
| APPLICANT: DELENSTARR, GLENDA C.
| APPLICANT: LEFKOWITZ, STEVEN M.
| APPLICANT: OVERMAN, LESLIE B.
| APPLICANT: SAMPRAS, NICHOLAS M.
| APPLICANT: SAMPRAS, NICHOLAS M.
| APPLICANT: SAMPRAS, NICHOLAS M.
| APPLICANT: MOLBER, PAUL K.
| TITLE OF INVENTION: ACIDS TO SURFACES
| TITLE OF INVENTION: ACIDS TO SURFACES
| FILE REPERENCE: 10981620-1
| CURRENT APPLICATION NUMBER: US/09/398,399
| CURRENT FILING DATE: 1999-09-17
| NUMBER OF SEQ ID NOS: 35
| SOFTWARE: PATENTIN Ver. 2.0
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| Publication No. US2003002611A1
| GENERAL INFORMATION |
| APPLICANT: Glichrest, Barbara A. |
| APPLICANT: Glichrest, Barbara A. |
| APPLICANT: Glichrest, Mark S. |
| APPLICANT: Taler, Mark S. |
| APPLICANT: Taler, Mark S. |
| TITLE OF INVENTION: Method to Inhibit Cell Growth Using TITLE OF INVENTION: Method to Inhibit Cell Growth Using TITLE OF INVENTION: Method to Inhibit Cell Growth Using TITLE OF INVENTION: Method to Inhibit Cell Growth Using TITLE PEFERENCE: 0054.1088-019 |
| TITLE OF INVENTION: Method to Inhibit Cell Growth Using TITLE PEFERENCE: 0054.1088-019 |
| TITLE OF INVENTION: MUMBER: US/10/122,633 |
| CURRENT APPLICATION NUMBER: US/9/540,843 |
| PRIOR FILING DATE: 2000-03-31 |
| PRIOR FILING DATE: 2001-03-30 |
| NUMBER OF SEQ ID NOS: 15 |
| SOSTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                            Query Match 100.0%; Score 7; DB 15; Length 9; Best Local Similarity 100.0%; Pred. No. 5.3e+08; Matches 7; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 5.3e+08;
tive 0; Mismatches 0;
                                                                        OTHER INFORMATION: Synthetic DNA Fragment
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-1
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Patent No. US20020051973A1
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Best Local Similarity 100.
Matches 7; Conservative
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US-10-122-633-1
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LENGTH: 10
TYPE: DNA
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LENGTH: 9
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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Probe
US-09-398-399-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Wolber, Pual K.

APPLICANT: Sana, Theodore R.

TITLE OF INVENTION: Arrays Having Background Features and TITLE OF INVENTION: Methods for Using the Same FILE REFERENCE: 10010760-1

CURRENT APPLICATION NUMBER: US/09/899,381

CURRENT FILING DATE: 201-07-05

PRIOR FILING DATE: 1999-09-17

NUMBER OF SEQ ID NOS: 53

SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: GENZYME CORPORATION
APPLICANT: GENZYME CORPORATION
APPLICANT: SHANKARA,
SHINIVAS
TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
FILE REFERENCE: GA0201C
CURRENT APPLICATION NUMBER: US/10/033,145
CURRENT FILING DATE: 2001-11-05
PRIOR PILING DATE: 1999-06-18
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Sequence 482, Application US/10450797

Sequence 482, Application Wo. US20040142335A1

SENERAL INCPRARATION:

APPLICANT: Petersohn, Dirk

APPLICANT: Ocnradt, Marcus

APPLICANT: Hofmann, KAY

TITLE OF INVENTION: METHOD FOR DETERMINING SKIN STRESS OR SKIN AGEING IN VITRO

FILE REFERENCE: HENK-0041

CURRENT FILING DATE: 2003-12-04

PRIOR APPLICATION NUMBER: DCT/CEP178

PRIOR PELLING DATE: 2001-12-20

PRIOR PILLING DATE: 2001-01-03

NUMBER OF SEQ ID NOS: 1435

SOFTWARE: Patentin version 3.2

LENTH: 11
                                                       APPLICANT: Cunningham, Philip R.

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THAT ARE NOT SUSCEPTIBLE TO
TITLE OF INVENTION: ANTIBLOTIC RESISTANCE
FILE REFERENCE: WSV-2597
CURRENT APPLICATION NUMBER: 80/10/612,224
CURRENT FILING DATE: 2003-07-01
PRIOR APPLICATION NUMBER: 60/393237
PRIOR APPLICATION NUMBER: 60/452012
PRIOR APPLICATION NUMBER: 60/452012
PRIOR RILING DATE: 2003-03-05
NUMBER OF SEQ ID NOS: 245
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 97
LENGTH: 11
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US-10-150-779A-15/c
US-10-150-779A-15/c
; Sequence 15, Application US/10150779A
; Publication No. US20030125241A1
; GENERAL INFORMATION:
Sequence 97, Application US/10612224
Publication No. US20040137011A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: WISSENBACH, MARGIT APPLICANT: KOCH, TROELS
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Best Local Similarity 100..
7; Conservative
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Best Local Similarity 100.
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                           ; FEATURE:
; OTHER INFORMATION: primer
US-10-612-224-97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; ORGANISM: Homo sapiens
US-10-450-797-482
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 AGTATGA 7
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                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: RNA
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TITLE OF INVENTION: GENES ABNORMALLY EXPRESSED IN MYELOID LEUKEMIA CELLS WITH AN MIL-
TITLE OF INVENTION: GENES ABNORMALLY EXPRESSED IN MYELOID LEUKEMIA CELLS WITH AN MIL-
TITLE OF INVENTION: FUSION
TITLE OF INVENTION: 7373/37928A
CURRENT APPLICATION NUMBER: US/10/329,465
CURRENT APPLICATION NUMBER: US 60/343,826
PRIOR FILING DATE: 2001-12-27
NUMBER OF SEQ ID NOS: 315
SOFTWARE: Patentin version 3.1
SEQ ID NO 30
LENGTH: 10
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100.0%; Score 7; DB 15; L
Best Local Similarity 100.0%; Pred. No. 1.6e+05;
Matches 7; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Ansatasio, Alison E.
APPLICANT: Ansatasio, Alison E.
APPLICANT: Lachowicz, Michael F.
APPLICANT: Babon, Vicente
APPLICANT: Babon, Visena
TITLE OF INVENTION: HAPLOTYPES OF THE CD3E GENE
FILE REFERENCE: MWH-2790US
FILE REFERENCE: MWH-2790US
CURRENT APPLICATION NUMBER: US/10/193,507
CURRENT ELLING DATE: 2002-07-12
FRIOR APPLICATION NUMBER: 60/304,573
FRIOR FILING DATE: 2001-07-11
NUMBER OF SEQ ID NOS: 86
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-329-465-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Mismatches
                                                                                                                                                                    ; Sequence 30, Application US/10329465
; Publication No. US20030165949A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 11
US-10-193-507-58/c
; Sequence 58, Application US/10193507
; Publication No. US20040018493A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial sequence
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; ORGANISM: Homo sapiens
US-10-193-507-58
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Best Local Similarity
Matches 7; Conserv
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10 AGTATGA 4
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                  AGTATGA
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US-10-612-224-97/c
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LENGTH: 10
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Sequence 16, Application US/10150779A

Sequence 16, Application US/10150779A

Publication No. US20030125241A1

GENERAL INFORMATION:

APPLICANT: WISSENBACH, MARGIT

APPLICANT: WOUW, HENRICK

APPLICANT: HANSEN, BO

TITLE OF INVENTION: THERAPEUTIC USES OF LNA-MODIFIED OLIGONUCLEOTIDES IN

TITLE OF INVENTION: THERAPEUTIC USES OF LNA-MODIFIED OLIGONUCLEOTIDES IN

TITLE OF INVENTION: THERAPEUTIC USES OF LNA-MODIFIED OLIGONUCLEOTIDES IN

TITLE OF INVENTION: THERAPEUTIC USES OF LNA-MODIFIED OLIGONUCLEOTIDES IN

TITLE OF INVENTION: THERAPEUTIC USES OF LNA-MODIFIED OLIGONUCLEOTIDES IN

TITLE REFERENCE: 55704 (49120)

CURRENT APPLICATION NUMBER: 60/291,830

PRIOR APPLICATION NUMBER: 60/291,830

PRIOR APPLICATION NUMBER: 60/291,830

NUMBER OF SEQ ID NOS: 16

SEQ ID NO 16

LENGTH: 12
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0
APPLICANT: ORUM, HENRICK
APPLICANT: HANSEN, BO
TITLE OF INVENTION: THERREUTIC USES OF LNA-MODIFIED OLIGONUCLECTIDES IN
TITLE OF INVENTION: INFECTIOUS DISEASES
FILE REFERENCE: 55704 (45120)
CURRENT FILING DATE: 2003-02-07
CURRENT APPLICATION NUMBER: 60/291,830
PRIOR APPLICATION NUMBER: 60/291,830
PRIOR FILING DATE: 2001-05-18
NUMBER OF SEQ ID NOS: 16
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 15
LENGTH: 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 7; Conservative
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US-10-150-779A-16/c
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Search completed: August 2, 2004, 02:14:40 Job time: 125.122 secs

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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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OM nucleic - nucleic search, using sw model

August 1, 2004, 23:28:09; Search time 159.585 Seconds (without alignments) 276.518 Million cell updates/sec Run on:

US-09-540-843-2 Title: Perfect score:

1 taggaggat 9 Sequence:

IDENTITY_NUC Gapop 10.0 , Gapoxt 1.0 Scoring table:

3222919 seqs, 2451570024 residues Searched:

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200

Post-processing: Minimum Match 08
Maximum Match 1008
Listing first 45 summaries

Published Applications NA:*

| cgn2_6/ptodata/2/pubpna/USOT_PUBCOMB.seq:*
| cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq:*
| cgn2_6/ptodata/2/pubpna/USO6_NEW_PUB.seq:*
| cgn2_6/ptodata/2/pubpna/USO6_PUBCOMB.seq:*
| cgn2_6/ptodata/2/pubpna/USO7_NEW_PUB.seq:*
| cgn2_6/ptodata/2/pubpna/USO8_PUBCOMB.seq:*
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| cgn2_6/ptodata/2/pubpna/USO8_PUBCOMB.seq:*
| cgn2_6/ptodata/2/pubpna/USO8_PUBCOMB.seq:*
| cgn2_6/ptodata/2/pubpna/USO9_PUBCOMB.seq:*
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| cgn2_6/ptodata/2/pubpna/USO9_NEW_PUB.seq:*
| cgn2_6/ptodata/2/pubpna/USO9_NEW_PUB.seq:*
| cgn2_6/ptodata/2/pubpna/USO9_NEW_PUB.seq:*
| cgn2_6/ptodata/2/pubpna/USOOP_PUBCOMB.seq:*
| cgn2_6/ptodata/2/pubpna/USOOP_PUBCOMB.seq:* Database :

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Description	Sequence 2, Appli	Sequence 2, Appli	Sequence 202, App	Sequence 169, App	Sequence 22, Appl	Sequence 97, Appl	Sequence 19, Appl	Sequence 162, App	Sequence 163, App	Sequence 164, App	104	200	6304	
ID	US-10-122-630-2	US-10-122-633-2	US-10-223-765-202	US-09-882-945A-169	US-10-340-192-22	US-10-339-793-97	US-09-766-154-19	US-09-828-344-162	US-09-828-344-163	US-09-828-344-164	US-10-006-191-104	US-10-277-216-200	US-10-349-143-6304	US-10-126-022-200
	15	15	15	10	15	15	σ	10	10	10	15	16	16	17
Length	9	6	10	16	17	17	20	20	20	20	20	20	20	20
Query	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Score	6	Ø	Q	σ	6	Q	Q	9	σ	σ	σ	9	60	6
Result No.	н	7	ю	ი 4	CJ CJ	9	7	80	9	10	11	c 12	c 13	c 14
	Score Match Length DB ID	Score Match Length DB ID 9 100.0 9 15 US-10-122-630-2	Score Match Length DB ID 9 100.0 9 15 US-10-122-630-2 9 100.0 9 15 US-10-122-633-2	Score Match Length DB ID Score Match Length DB ID 100.0 9 15 US-10-122-630-2 9 100.0 10 15 US-10-223-765-202	Score Match Length DB ID 9 100.0 9 15 US-10-122-630-2 9 100.0 9 15 US-10-122-633-2 9 100.0 10 15 US-10-233-765-202 9 100.0 16 10 US-09-882-9458-169	Score Match Length DB ID 9 100.0 9 15 US-10-122-630-2 9 100.0 9 15 US-10-122-633-2 9 100.0 10 15 US-10-233-765-202 9 100.0 16 10 US-09-882-945A-169 9 100.0 17 15 US-10-340-132-22	Score Match Length DB ID 9 100.0 9 15 US-10-122-630-2 9 100.0 9 15 US-10-122-633-2 9 100.0 10 15 US-10-223-765-202 9 100.0 10 15 US-10-223-765-202 9 100.0 17 15 US-10-340-192-2 9 100.0 17 15 US-10-339-733-97	Score Match Length DB ID 9 100.0 9 15 US-10.122-633-2 9 100.0 9 15 US-10.122-633-2 9 100.0 10 15 US-10.223-765-202 9 100.0 16 10 US-09-882-945A-169 9 100.0 17 15 US-10.339-793-97 9 100.0 20 9 US-09-766-154-19	Score Match Length DB ID 9 100.0 9 15 US-10-122-630-2 Sequence 2, 2 Sequence 2, 2 Sequence 20, 3 Sequence 30, 3 Sequence 30, 3 Sequence 30, 3 Sequence 30, 3 Sequence 20, 3 Sequence 20, 3 Sequence 20, 3 Sequence 30, 3 Sequence 30, 3 Sequence 19, 3 Sequence 16,	Score Match Length DB ID Score Match Length DB ID 100.0 9 15 US-10-122-630-2 Sequence 2, R 9 100.0 10 15 US-10-122-632-2 Sequence 2, R 9 100.0 10 15 US-10-233-765-202 Sequence 202, R 9 100.0 16 10 US-09-882-945A-169 Sequence 169, R 100.0 17 15 US-10-339-793-97 Sequence 97, Sequence 97, Sequence 17, R 9 100.0 20 9 US-09-766-154-19 Sequence 19, R 9 100.0 20 10 US-09-828-344-162 Sequence 162, R 9 100.0 20 10 US-09-828-344-163 Sequence 163, R 9 100.0 20 10 US-	Score Match Length DB ID Match Length DB ID 9 100.0 9 15 US-10-122-630-2 Sequence 2, 8 Sequence 3, 8 Sequence 16, 8	Score Match Length DB ID Match Length DB ID Description	Score Match Length DB ID Description Match Length DB ID Description	Query Query Description 9 100.0 9 15 US-10-122-630-2 Sequence 2, Appendence 2, Appendence 20, Appendence

0

Gaps 0;

Query Match 100.0%; Score 9; DB 15; Length 9; Best Local Similarity 100.0%; Pred. No. 5.4e+08; Matches 9; Conservative 0; Mismatches 0; Indels

Sequence 484, App	Sequence 13, Appl	17,	341,	Sequence 9775, Ap	Sequence 23, Appl	682		12,	Sequence 13, Appl	707	9560,	Sequence 17185, A	23551,		72304,		97448,	Sequence 97906, A		Sequence 99874, A	Seguence 112143,	Sequence 125474,	Sequence 202, App	202,	15,	26,	Sequence 351, App	33, 1		e 786
US-10-280-183A-484	US-09-816-814-13	-10	US-10-165-099-341	US-10-349-143-9775	US-10-229-541A-23	US-10-027-632-68219	10-027-	US-10-379-836-12	US-10-379-836-13	US-10-098-263B-7075	098-2	US-10-098-263B-17185	US-10-098-263B-23551	US-10-098-263B-23552	-860-	US-10-098-263B-86788	US-10-098-263B-97448	0-098-263B-9790	3-263B-	-860-0	-860-0	US-10-098-263B-125474	9-949-427-2	US-09-949-428-202	US-10-008-140B-15	US-10-008-140B-26	US-10-080-334-351	US-09-764-246-33	US-10-716-204-33	US-10-282-122A-78609
17	10	15	15	16	16	13	16	16	16	15	15	15	15	15	15	15	15	15	15	15	15	15	10	13	12	15	16	6	17	13
20	21	21	21	21	21	23	23	23	23	25	25	25	25	25	25	25	25	52	25	25	25	25	56	26	27	27	27	28	28	30
9 100.0	9 100.0	-			_				9 100.0			9 100.0		9 100.0	9 100.0	9 100.0	9 100.0	' '	9 100.0		Н	-	9 100.0	-	Н	Н	-	9 100.0	_	9 100.0
c 15	c 16	17	c 18	c 19	20	c 21	c 22	23	c 24	25	26	•	7		30	. ,	c 35	c 33	34	35	36	c 37		39	c 40	c 41	c 42	43	44	45

ALIGNMENTS

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GENERAL LINCORMATION:
J GENERAL LINCORMATION:
J APPLICANT: Bller, Mark S.
TITLE OF INVENTION: Method to Inhibit Cell Growth Using
TITLE OF INVENTION: Oligonucleotides
TITLE OF INVENTION: Oligonucleotides
CURRENT APPLICATION NUMBER: US 08/467,012
PRIOR APPLICATION NUMBER: US 08/467,012
PRIOR FILING DATE: 1995-06-03
PRIOR FILING DATE: 1996-06-03
PRIOR FILING DATE: 1996-06-03
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/540,843
PRIOR APPLICATION NUMBER: PCT/US01/10162
PRIOR FILING DATE: 2000-03-31
PRIOR FILING DATE: 2001-03-30
NUMBER OF SEQ ID NOS: 15
SEQ ID NO 2
LENGTH: 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Synthetic DNA Fragment
                                                    Sequence 2, Application US/10122630 Publication No. US20030032610A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence
RESULT 1
US-10-122-630-2
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; Sequence 97, Application US/10339793; Publication No. US20030180764A1
                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 100.
Best Local Similarity 100.
Matches 9; Conservative
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                                           2 TAGGAGGAT 10
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             1 TAGGAGGAT 9
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Best Local Similarity
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US-10-339-793-97/c
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100.0%; Score 9; DB 15; Length 10;
Best Local Similarity 100.0%; Pred. No. 5.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: synthetically generated oligonucleotide US-10-223-765-202
                                                                                                  Length 9;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Kim, Jin-Soo
APPLICANT: Bae, Kwang-Hee
APPLICANT: Bae, Kwang-Hee
APPLICANT: Bae, Kwang-Hee
APPLICANT: Ray, Fun-Hyun
APPLICANT: Ryu, Eun-Hyun
APPLICANT: Ryu, Eun-Hyun
APPLICANT: Hwang, Moon-Son
TITLE OF INVENTION: ZINC FINGER DOWAIN LIBRARIES
FILE REFERENCE: 12279-005001
CURRENT APPLICATION NUMBER: US/10/223,765
CURRENT APPLICATION NUMBER: 60/374,355
PRIOR PILING DATE: 2002-04-22
PRIOR FILING DATE: 2002-04-22
PRIOR FILING DATE: 2001-08-17
NUMBER OF SEQ ID NOS: 305
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 202
LENGTH::10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
100.0%; Score 9; DB 15; L
Best Local Similarity 100.0%; Pred. No. 5.4e+08;
Matches 9; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-2
                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2
LENGTH: 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; Sequence 202, Application US/10223765
; Publication No. US20030165997A1
; GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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TAGGAGGAT 9
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US-10-223-765-202
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US-09-882-945A-169/C
US-09-882-945A-169/C
Sequence 169, Application US/0982945A
Publication No. US20030143535A1
GENERAL INFORMATION:
APPLICANT: Alawi, Hatim
APPLICANT: Alawi, Hatim
APPLICANT: Nori, Bruce
APPLICANT: Veri, Bruce
APPLICANT: Veri, Bruce
APPLICANT: Veri, Worl, Bruce
APPLICANT: Nori, Bruce
APPLICANT: Veri, Bruce
APPLICANT: Veri, Bruce
APPLICANT: Veri, Bruce
APPLICANT: Veri, Bruce
APPLICANT: Nori, Bruce
APPLICANT: Nori, Bruce
APPLICANT: Nori, Bruce
APPLICANT: Nori, Bruce
APPLICANT: Veri, Druce
APPLICANT: Verion 3.0
SEQ ID NO 169
LENGTH: 16
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100.0%; Pred. No. 5.3e+04;
1tive 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Mismatches
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GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: C. Frank Bennett

APPLICANT: Jacqueline Wyatt

TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPID SCRAMBLASE I EXPRESSION
FILE REFERENCE: RIS-0147

CURRENT APPLICATION NUMBER: US/09/828,344

CURRENT FILING DATE: 2001-04-06

NUMBER OF SEQ ID NOS: 176
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 164, Application US/09828344
Publication No. US20030044979A1
GENERAL INFORMATION
APPLICANT: C. Frank Bennett
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPID SCRAMBLASE I EXPRESSION
FILE REFERENCE: RTS-0147
CURRENT FILING DATE: 2001-04-06
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 164
LENGTH: 20
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100.0%; Pred. No. 5.2e+04;
trive 0; Mismatches 0;
                                                                                                                     FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide US-09-828-344-162
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Antisense Oligonucleotide US-09-828-344-163
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 163, Application US/09828344
Publication No. US20030044979A1
                                                                           TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 9; Conservative
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Best Local Similarity 100.
Matches 9; Conservative
           NUMBER OF SEQ ID NOS: 176
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US-09-828-344-164
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                            SEQ ID NO 162
LENGIH: 20
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GENERAL INFORMATION:

APPLICANT: Lynx Therapeutics, Inc.

APPLICANT: Shang, Jul.

APPLICANT: Shang, Jul.

APPLICANT: Shang, Jul.

APPLICANT: Bowen, Benjamin

TITLE OF INVENTION: GENES AFFECTED BY CHOLESTEROL TREATMENT AND DURING ADIPOGENESIS

FILE REFERENCE: 37-00131003

CURRENT APPLICATION NUMBER: US/10/339,793

CURRENT FILING DATE: 2003-01-08

NUMBER OF SEQ ID NOS: 443

SOFTWARE: Patentin version 3.1

SEQ ID NO 97
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Sequence 162, Application US/09828344

Publication No. US20030044979A1

GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
FILLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPID SCRAMBLASE I EXPRESSION
FILE REFERENCE: RTS-0147
CURRENT APPLICATION NUMBER: US/09/828,344

CURRENT FILING DATE: 2001-04-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 19, Application US/09766154

Patent No. US202010948A1

GENERAL INCRMATION:

APPLICANT: Patience, Clive

TITLE OF INVENTION: Swine Defective for Transmission of Porcine Endogenous

TITLE OF INVENTION: Retrovirus and Uses Thereof

FILE REFERENCE: 61750-311

CURRENT APPLICATION NUMBER: US/09/766,154

CURRENT FILING DATE: 2001-01-19

PRIOR APPLICATION NUMBER: U.S. 60/243695

PRIOR APPLICATION NUMBER: U.S. 60/182965

PRIOR APPLICATION NUMBER: U.S. 60/17003

PRIOR PILING DATE: 2000-02-16

PRIOR APPLICATION NUMBER: U.S. 60/177003

PRIOR FILING DATE: 2000-01-19

NUMBER OF SEQ ID NOS: 33

SEQ ID NO 19

LENGTH: 20
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CORGANISM: Homo sapiens
US-10-339-793-97
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Best Local Similarity
Matches 9; Conserv
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Matches 9; Conserv
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APPLICANT: Cohen, Daniel
APPLICANT: Chumakov, 11ya
TITLE OF INVANTION: Blumenfeld, Marta
APPLICANT: Chumakov, 11ya
TITLE PETENENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/99/422,978
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 6304
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US-10-126-022-200
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100.0%; Score 9; DB 17; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.2e+04;
Matches 9; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 100.
Best Local Similarity 100.
Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Homo Sapiens
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US-10-126-022-200/c
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                                                                                                 Sequence 104, Application US/10006191

Sequence 104, Application US/10006191

Sequence 104, Application William US/2030144223A1

GENERAL INFORMATION:
APPLICANT: William Gaarde
APPLICANT: Andrew T. Watt

TITLE OF INVENTION: ANTISENSE MODULATION OF CONNECTIVE TISSUE GROWTH FACTOR EXPRESSIC
FILE REPERENCE: RTS-0274

CURRENT APPLICATION NUMBER: US/10/006,191

CURRENT FILING DATE: 2001-12-10

NUMBER OF SEQ ID NOS: 153

SEQ ID NO 104

LENGTH: 20
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TILE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
TILLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
FILE REFERENCE: 2976-4051
CURRENT PELLON NUMBER: US/10/277,216
CURRENT FILING DATE: 2002-10-17
PRIOR FILING DATE: 2002-04-19
PRIOR FILING DATE: 2001-04-19
PRIOR FILING DATE: 2001-04-13
SUMMER OF SEQ ID NOS: 420
SSCTPARE: Patentin Ver. 2.1
SEQ ID NO 200
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 100.0%; Score 9; DB 16; Length 20; Best Local Similarity 100.0%; Pred. No. 5.2e+04; Matches 9; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Score 9; DB 15; I 100.0%; Pred. No. 5.2e+04; tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: Antisense Oligonucleotide US-10-006-191-104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 6104, Application US/10349143 Publication No. US20040005584A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 200, Application US/10277216
Publication No. US20040002470A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
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                    4 TAGGAGGAT 12
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Matches 9; Conserv
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US-10-349-143-6304/c
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                                                                                   RESULT 11
US-10-006-191-104
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APPLICANT: Efizer Inc.
APPLICANT: Bachmanov, Alexander A
APPLICANT: Bachmanov, Alexander A
APPLICANT: Bachmanov, Alexander A
APPLICANT: Bachmanov, Aurobindo
APPLICANT: Chatterjee, Aurobindo
APPLICANT: De Jong, Pieter J.
APPLICANT: Li, Shanru
APPLICANT: Li, Shanru
APPLICANT: Li, Xia
APPLICANT: Reed, Danielle R.
APPLICANT: Reed, Davidle R.
APPLICANT: Reed, Davidle R.
APPLICANT: Ross, David
APPLICANT: Ross, David
APPLICANT: Rest, David
APPLICANT: Ross, David
APPLICANT: FILING DATE: 2000-04-28
BRIOR FILING DATE: 2000-04-28
CURRENT APPLICATION NUMBER: 652
SOFTWARE: Patentin Ver. 3.1
SEQ ID NO 484
LENGTH: 20
TUBER DATE
THE PROBLEM DATE

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; ORGANISM: Mouse
US-10-280-183A-484
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Search completed: August 2, 2004, 02:14:39 Job time : 160.585 secs

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Gaps 0;

Query Match 100.0%; Score 9; DB 17; Length 20; Best Local Similarity 100.0%; Pred. No. 5.2e+04; Matches 9; Conservative 0; Mismatches 0; Indels

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(0,10/sn) 4UD/8 @60d s/4/

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Sequence 2, Appli
Sequence 6, Appli
Sequence 6304, Ap
Sequence 9775, Ap
Sequence 9, Appli
Sequence 15, Appli
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33, Appl
20, Appl
105, App
                                                                  August 1, 2004, 21:08:23 ; Search time 31.8293 Seconds (without alignments) 156.917 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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Sequence 1
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                                                                                                                                                                                                                                                                                                                                                                   /cgn2_6/ptodata/2/ina/5A_COMB.seq:*
/cgn2_6/ptodata/2/ina/5B_COMB.seq:*
/cgn2_6/ptodata/2/ina/6A_COMB.seq:*
/cgn2_6/ptodata/2/ina/6B_COMB.seq:*
/cgn2_6/ptodata/2/ina/PcTUS_COMB.seq:*
/cgn2_6/ptodata/2/ina/PcTUS_COMB.seq:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-422-978-6304
US-09-242-978-6304
US-09-240-918-9
US-09-664-800-15
US-09-665-309-15
US-09-661-569-15
US-09-061-768A-33
US-09-061-768A-33
US-09-061-768A-33
US-09-061-768A-33
US-09-061-793A-105
US-08-189-256A-46
US-09-193-883-46
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PCT - US95-00605-12
PCT - US95-00605-13
US-09-422-978-905
US-09-422-978-2210
US-08-425-336-117
US-08-481-113B-117
US-08-107-669D-30
US-08-177-51B-30
US-08-477-531B-30
US-08-477-531B-30
                                                                                                                                                                                                                                        Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-08-082-842A-30
                                                                                                                                                                                                                 682709 segs, 277475446 residues
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                                                                                                                                                                                                                                                                                                    Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                 - nucleic search, using sw model
                                                                                                                                                                           IDENTITY NUC Gapop 10.0 , Gapext 1.0
                                                                                                                                                                                                                                                                                                                                                          Issued Patents NA:*
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Match Length DB
                                                                                                                       US-09-540-843-2
                                                                                                                                                   1 taggaggat 9
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Maximum DB seq length: 200
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                                                                                                                                       Perfect score:
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Sequence 117, App	Sequence 117, App	Sequence 117, App	117,	Sequence 37, Appl	Sequence 5950, Ap	Sequence 23, Appl	Sequence 22, Appl	Sequence 23, Appl	Sequence 39, Appl	Sequence 23, Appl	Sequence 53, Appl	Sequence 39, Appl	53,	11,	1604	Sequence 15079, A	Sequence 1, Appli
US-08-839-765-117	US-09-136-389-117	US-09-610-838-117	US-09-711-485-117	US-08-746-111-37	US-09-313-294A-5950	PCT-US91-00909-23	PCT-US91-00909-22	US-08-153-051B-23	US-08-060-952C-39	US-08-151-477A-23	US-08-819-867-53	US-08-464-011B-39	US-09-378-535-53	US-08-532-896-11	US-09-621-976-16047	US-09-621-976-15079	US-07-718-535-1
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98	98	96	98	105	110	119	123	135	135	135	135	135	135	152	175	177	180
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σ	6	6	6	9	6	6	6	σ	9	σ	6	6	6	6	6	6	6
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ALIGNMENTS

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Patent No. 6284252;
GENERAL INFORMATION:
APPLICANT: SORG, Tania
TITLE OF INVENTION: NEW TRANSDOWINANT TAT VARIANTS OF THE
TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Burns, Doane, Swecker & Mathis
STRET: P.O. Box 1404
CITY: Alexandria
STATE: Virginia
                                                                                APPLICANT: Gilchrest, Barbara A.
APPLICANT: Vaar, Mina
APPLICANT: Eller, Mark
TITLE OF INVENTION: Use of Locally Applied DNA Fragments
FILE REPRENCE: BU34-68A2
CURENT APPLICATION NUMBER: US/09/048,927
CURENT APPLICATION NUMBER: US/09/048,927
EARLIER APPLICATION NUMBER: 08/952,697
EARLIER APPLICATION NUMBER: 08/952,697
EARLIER PLING DATE: 1996-00-03
EARLIER FILING DATE: 1995-06-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%; Score 9; DB 3; Length 9; 100.0%; Pred. No. 6e+07; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 4 SOFTWARE: FastSEQ for Windows Version 3.0
                    Sequence 2, Application US/09048927
Patent No. 6147056
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: DNA Fragment US-09-048-927-2
                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence
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Best Local Similarity
Matches 9; Conserv
                                                                GENERAL INFORMATION:
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US-09-096-172-6
US-09-048-927-2
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LENGTH: 9
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US-09-422-978-6304

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USOURT SOURCE 6304, Application US/09422978

1 Sequence 6304, Application US/09422978

2 Fatent No. 6537751

3 FABLICANT: Cohen. Daniel

3 APPLICANT: Chumakov, Ilya

4 APPLICANT: Chumakov, Ilya

5 TITLE OF INVENTION: Ballelic markers for use in constructing a high density...

5 FILE REFERENCE: GENSET.020CP1

5 CURRENT APPLICATION NUMBER: US/09/422,978

5 CURRENT APPLICATION NUMBER: US 60/298,850

5 EARLIER FILING DATE: 1999-04-21

5 EARLIER APPLICATION NUMBER: US 60/109,732

5 EARLIER FILING DATE: 1998-11-23

6 EARLIER FILING DATE: 1998-04-21

7 NUMBER OF SEQ ID NOS: 11796

7 SEQ ID NO 6304

7 LENGTH: 20
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LOCATION: 1..20
OTHER INFORMATION: upstream amplification primer 99-10661 for SEQ 2370,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: mutagenesis oligonucleotide (TAT
INDIVIDUAL ISOLATE: 451le to Ser)
                                                                                                                                            SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/096,172
                                                                                                                                                                                                                                            FILING DAILS:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/177,145
FILING DATE: 04-JAN-1994
APPLICATION NUMBER: FR 93 00004
FILING DATE: 04-JAN-1993
ATTONEY/AGENT INFORMATION:
NAME: Crane-Feury, Sharon E
REGISTRATION NUMBER: 36,113
REFERENCE/DOCKET NUMBER: 36,113
REFERENCE/DOCKET NUMBER: 017753-040
TELECOMUNICATION INFORMATION:
TELEPAN: (703) 836-6620
IELEPAN: (703) 836-620
IELEPAN: (703) 836-620
IELEPAN: (703) 836-620
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                     ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: DNA (genomic) HYPOTHETICAL: NO
United States
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 nucleic acid
EDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
Matches 9; Conserv
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STRANDEDNESS:
                                                                                                                                                                                                                                 FILING DATE:
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; OTHER INFORMATION: downstream amplification primer 99-7276 for SEQ 1910, in compleme US-09-422-978-9775
                                                                                                                                                                                                                                                                                                          APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Chumenfeld, Marta
APPLICANTON: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-04-20
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-38
EARLIER FILING DATE: 1998-104-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NOS: 11796
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Fatent No. 6265165
GENERAL INFORMATION:
APPLICANT: Gruenert, Dieter C.
APPLICANT: AL, Zhidong
FILE OF INVENTION: METHODS FOR EST-SPECIFIC FULL LENGTH CDNA CLONING
FILE REFERENCE: 480.85.1 (HV)
CURRENT APPLICATION NUMBER: 05/09/240,918
FURRENT FILING DATE: 1999-01-29
PRIOR PLING DATE: 1998-11-12
NUMBER OF SEQ ID NOS: 96
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 9
LENGTH: 22
                                                Gaps
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    Length 20;
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  100.0%; Score 9; DB 4; Le
100.0%; Pred. No. 3.4e+03;
Live 0; Mismatches 0;
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Best Local Similarity 100.
Matches 9; Conservative
                                              Conservative
                                                                                                                                       18 TAGGAGGAT 10
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ORGANISM: Homo Sapiens
                                                                                             1 TAGGAGGAT 9
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Query Match
Best Local Similarity
Matches 9; Conserv
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KIM. Soo Young Transcription Factors (TION: Abscisic Acid Responsive Element -Binding Transcription Factors)
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APPLICANT: BRASH, ALAN R.
APPLICANT: BRASH, MILLIAM E.
APPLICANT: BOEGLIN, WILLIAM E.
APPLICANT: JISAKA, MITSUO
TITLE OF INVENTION: LIPOXYGENASE PROTEINS AND NUCLEIC ACIDS
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: ALLES A. TAYLOR, JR.
STREET: SUITE 1400, UNIVERSITY TOWER, 3100 TOWER BOULEVARD
                                                                                                                                                                                                                                                               Length 24;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 24;
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4 MB storage
COMPUTER: IBM PC/XT/AT compatible
                                                                                                                                                                                                                                                          100.0%; Score 9; DB 3; Let 100.0%; Pred. No. 3.4e+03;
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Best Local Similarity 100.0%; Pred. No. 3.4e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: KIM. Soo Young
TITLE OF INVENTION: Abscisic Acid Responsi;
FILE REPERENCE: 1942/42
CURRENT APPLICATION NUMBER: US/09/661,569
CURRENT FILING DATE: 2000-09-14
PRIOR APPLICATION NUMBER: 09/416,050
PRIOR PILING DATE: 1999-10-12
NUMBER OF SEQ ID NOS: 83
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Mismatches
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                                                                                                       FastSEQ for Windows Version 4.0
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SOFTWARE: WOORD PERFECT 6.1 and ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/061,768A
                    CURRENT FILING DATE: 2000-09-19
PRIOR PADLICATION NUMBER: 09/416,050
PRIOR FILING DATE: 1999-10-12
NUMBER OF SEQ ID NOS: 83
SOFTWARE: FASTERO for Windows Version
SEQ ID NO 15
LENGTH: 24
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Sequence 15, Application US/09661569

Patent No. 6245905

; GENERAL INFORMATION:
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; ORGANISM: Arabidopsis thaliana
US-09-665-309-15
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Best Local Similarity
Local 9; Conserve
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US-09-061-768A-33
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GENERAL INFORMATION:
APPLICANT: KIM. Soo Young
APPLICANT: KIM. Soo Young
TITLE OF INVENTION: Abscisic Acid Responsive Element -Binding Transcription Factor
FILE REPERENCE: 1942/42
CURRENT APPLICATION NUMBER: US/09/664,800
CURRENT APPLICATION NUMBER: 09/416,050
PRIOR APPLICATION NUMBER: 09/416,050
PRIOR RILING DATE: 1999-10-12
NUMBER OF SEQ ID NOS: 83
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 15
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Patent No. 6232461
GENERAL INFORMATION:
ACCORDING TO YOUNG
TITLE OF INVENTION: Abscisic Acid Responsive Element -Binding Transcription Factor FILE REFERENCE: 1942/42
CURRENT APPLICATION NUMBER: US/09/665,309
                                                                                                                                                                                                                                                                                          APPLICANT: CONTROLL SOO YOUNG
TITLE OF INVENTION: Abscisic Acid Responsive Element -Binding Transcription Factors
TITLE OF INVENTION: Abscisic Acid Responsive Element -Binding Transcription Factors
FILE REPERBNGE: 1942/42
CURRENT APPLICATION 1942/416,050A
CURRENT FILING DATE: 1999-10-12
NUMBER OF SEQ ID NOS: 83
SEQ ID NOS: 83
LENGTHARE: FastSEQ for Windows Version 4.0
SEQ ID NO: 4.0
SEQ ID NO: 4.0
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                                        Indels
                  Pred. No. 3.4e+03;
Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
                                                                                                                                                                                                      US-09-416-050A-15/c; Sequence 15, Application US/09416050A; Patent No. 6194559; GENERAL INFORMATION:
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Patent No. 6218527
100.08; FA
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; ORGANISM: Arabidopsis thaliana
US-09-664-800-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: Arabidopsis thaliana
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Best Local Similarity 100.
Matches 9, Conservative
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Best Local Similarity 100.
Matches 9; Conservative
                  Similarity 100
9; Conservative
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US-09-665-309-15/c
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                  Best Local
Matches
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; SEQUENCE DESCRIPTION: SEQ ID NO: 33:
US-09-764-246-33
                                                                        100.0%; Score 9;
100.0%; Pred. No.
cive 0; Mismatch
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/737,853
FILING DATE: 31-UUL-1991
ATTORNEY/AGENT INFORMATION:
NAME: Goodman, Rosanne
REGISTRATION NUMBER: 32,534
REGISTRATION NUMBER: 32,534
REFERENCE/DOCKET NUMBER: A0856
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 454-3808
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 105, Application US/09019793A
Patent No. 6380376
GENERAL INFORMATION:
APPLICANT: PAUL, Prem
APPLICANT: MENG, Xiang-Jin
APPLICANT: MOROZOV, Igor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        9; Conservative
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TYPE: nucleic acid
                                                                                                                Conservative
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Best Local Similarity
                                                                                             Best Local Similarity
Matches 9; Conser
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STATE: PA
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TOPOLOGY:
US-08-310-356-20
                                                                          Query Match
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US-09-764-246-33

Sequence 33, Application US/09764246

Patent No. 6649355

GENERAL INFORMATION:

APPLICANT: BRASH, MILLIAM E.

JISAKA, MITLIAM E.

JISAKA, MITLIAM E.

TITLE OF INVENTION: LIPOXYGENASE PROTEINS AND NUCLEIC ACIDS

NUMBER OF SEQUENCES: 36

CORRESPONDENCE ADDRESS: 36

ADDRESSEE: ALLES A. TAYLOR, JR.

STREET: SUITE 1400, UNIVERSITY TOWER, 3100 TOWER BOULEVARD

CITY: DURHAM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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MEDIUM TYPE: Diskette, 3.50 inch, 1.4 MB storage COMPUTER: IBM PC/XT/AT compatible OPERATING SYSTEM Windows 3.1 SOFTWARE: WORD PERFECT 6.1 and ASCII CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 100.0%; Score 9; DB 3; Length 28; Best Local Similarity 100.0%; Pred. No. 3.4e+03; Matches 9; Conservative 0; Mismatches 0; Indels
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APPLICATION NUMBER: «Unknown»
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: ARLES A. TAYLOR, UR.
REGISTRATION NUMBER: 19,395
REFERENCE/DOCKET NUMBER: 1242/5
TELEPHONE: (919) 493-8000
TELEPHAK: (919) 419-0383
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/09/764,246
FILING DATE: 17-Jan-2001
CLASSIFICATION: 435
FILING DATE: APRIL 16, 1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA: NONE
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: ARLES A. TAYLOR, JR.
REGISTRATION NUMBER: 39,395
REFRENCE/DOCKET NUMBER: 1242/
TELECOMMUNICATION INFORMATION:
TELEPRAX: (919) 499-8000
TELEFAX: (919) 419-0383
TELEEX: (919) 419-0383
TELEEX: (919) 419-0383
SEQUENCE CHARACTERISTICS:
LENGTH: 2B DASS PAIRS
LENGTH: 2B DASS PAIRS
TYPE: nucleic acid
TYPE: nucleic acid
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INPORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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; STRANDEDNESS:
; TOPOLOGY: lir
US-09-061-768A-33
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                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 19426
COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Macintosh
OPERATING SYSTEM: Macintosh System 7.0
SOFTWARE: Microsoft Word Version 5.0 (PatentIn)
CURRENT APPLICATION DATA:
RPPLICATION NUMBER: US/08/310,356
                                                                                                                                                                                            US-08-310-356-20/c

Sequence 20, Application US/08310356

Patent No. 5648243

GENERAL INFORMATION:
APPLICANT: Hurwitz, David R
APPLICANT: Nathan, Margret
APPLICANT: Shani, Moshe
ITLE OF INVENTION: Transgenic Protein Production
NUMBER OF SEQUENCES: 36

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Rhone-Poulenc Rorer Legal Department
STREET: 500 Arcola Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Mismatches
                                                  Mismatches
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us-09-540-843-2.rni

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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                        TOPOLOGY: linear
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CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                USA
                                                                                                                                                                                                                                                                                        HYPOTHETICAL: N
HYPOTHETICAL: N
HATI-SENSE: NO
US-08-189-256A-46
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 15
US-09-193-853-46/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET:
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CORRESPONDENCE ADDRESS: APPLICANT: Dorn, Dorfman, Herrell and Skillman STREET: 1601 Market Street Suite 720
CITY: Philadelphia
APPLICANT: HALBUR, Patrick

TITLE OF INVENTION: PROTEINS ENCODED BY POLYNUCLEIC ACIDS OF PORCINE

TITLE OF INVENTION: REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS (PRRSV)

TITLE OF INVENTION: REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS (PRRSV)

CURRENT APPLICATION NUMBER: US/09/019, 793A

CURRENT FILING DATE: 1998-02-06

PRIOR FILING DATE: 1995-06-07

PRIOR PRILING DATE: 1994-09-01

PRIOR PRILING DATE: 1994-09-01

PRIOR PRILING DATE: 1993-10-05

PRIOR APPLICATION NUMBER: 07/969,071

PRIOR APPLICATION NUMBER: 07/969,071

PRIOR APPLICATION NUMBER: 1992-10-30

NUMBER OF SEQ ID NOS: 108

SOFTWARE: PATENTING DATE: 1992-10-30

NUMBER OF SEQ ID NOS: 108

LENGTH: 30
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; OTHER INFORMATION: Description of Artificial Sequence:synthetic DNA
US-09-019-793A-105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ·,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 9; DB 4; Length 30; 100.0%; Pred. No. 3.5e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/189,256A
FILING DATE: 31-JAN-1994
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/111,398
FILING DATE: 25-AUG-1993
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 07/518,763
FILING DATE: 01-MAY-1990
ATTORNEY/AGENT INFORMATION:
NAME: Reed, Janet E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: USA
ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 14
US-08-189-256A-46/c
; Sequence 46, Application US/08189256A
; Patent No. 5877402
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 100.
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Sequence 46, Application US/09193853
Fatent No. 6388168
GENERAL INFORMATION:
APPLICANT: Staub, Zora
APPLICANT: Staub, Jeffrey
APPLICANT: Staub, Jeffrey
APPLICANT: Carrer, Helaine
APPLICANT: Allison, Lori A.
APPLICANT: Allison, Lori A.
APPLICANT: Allison, Lori A.
APPLICANT: Allison, Staub, Joan
ITILE OF INVENTION: DNA CONStructs and Methods for Stably
ITILE OF INVENTION: Transforming Plastids of Multicellular Plants and
ITILE OF INVENTION: Expressing Recombinant Proteins Therein
NUMBER OF SEQUENCES: 47
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                               .,
                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 9; DB 2; Length 33; 100.0%; Pred. No. 3.5e+03; Live 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEE: Dann, Dorfman, Herrell and Skillman: 1601 Market Street Suite 720
Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/518,763
FILING DATE: 01-MAY-1990
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA: APPLICATION NUMBER: 08/189,256
                    TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 563-4004
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 33 base pairs
REGISTRATION NUMBER: 36,252
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Reed, Janet E. REGISTRATION NUMBER: 36,252 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                   MOLECULE TYPE: DNA (genomic) HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (215) 563-4100
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INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
LENGTH: 33 base pairs
                                                                                                                                                                                                                                                                                                                                                                         Query Match 100.
Best Local Similarity 100.
Matches 9; Conservative
                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              27 TAGGAGGAT 19
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; TOPOLOGY: linear; ; MOLECULE TYPE: DNA (genomic); ; MOLECULE TYPE: DNA (genomic); ; HYPOTHETICAL: NO; ; ANTI-SENSE: NO US-09-193-853-46

Query Match
Best Local Similarity 100.0%; Pred. No. 3.5e+03; Matches 9; Conservative 0; Mismatches 0; Indels 0; QY 1 TAGGAGGAT 9

CV 1 TAGGAGGAT 9

Db 27 TAGGAGGAT 19
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: 0

Gaps

Search completed: August 1, 2004, 23:41:52 Job time: 32.8293 secs

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Appli
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                                                                              1, 2004, 21:08:23 ; Search time 31.8293 Seconds
   (without alignments)
156.917 Million cell updates/sec
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Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                /cgn2_6/ptodata/2/ina/5A_COMB.seq:*
/cgn2_6/ptodata/2/ina/5A_COMB.seq:*
/cgn2_6/ptodata/2/ina/6A_COMB.seq:*
/cgn2_6/ptodata/2/ina/6B_COMB.seq:*
/cgn2_6/ptodata/2/ina/FDCTUS_COMB.seq:*
/cgn2_6/ptodata/2/ina/FDCTUS_COMB.seq:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-00-932-140C-6
US-08-932-140C-7
US-08-758-306-365
US-08-758-306-365
US-08-758-306-365
US-09-758-306-371
US-09-866-108A-2752
US-09-866-108A-2753
US-09-866-108A-2753
US-09-866-108A-2754
US-09-866-108A-2755
US-09-866-108A-2755
US-09-866-108A-2755
US-09-866-108A-2755
US-09-866-108A-2755
US-09-866-108A-2755
US-09-866-108A-2755
US-09-866-108A-2756
US-09-130-616-102
US-09-130-616-102
US-09-130-616-102
US-09-130-616-102
US-09-130-616-102
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-517-467B-84
US-09-422-978-6551
US-09-422-978-8965
                                                                                                                                                                                                                                                           Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                   682709 segs, 277475446 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SUMMARIES
                                                                                                                                                                                                                                                                                                                             Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                    OM nucleic - nucleic search, using sw model
                                                                                                                                                                                                         Gapop 10.0 , Gapext 1.0
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                                                                                                                                    US-09-540-843-1
                                                                                                                                                                  1 gagtatgag 9
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Match Length
                                                                                                                                                                                         IDENTITY_NUC
                                                                                                                                                                                                                                                                                      Minimum DB seq length: 0
Maximum DB seq length: 200
                                                                                  August
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0.001
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Perfect score:
                                                                                                                                                                                           Scoring table:
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                                                                                                                                                                                                                                                                                                                                                                                    Database :
                                                                                                                                                               Sequence:
                                                                                                                                                                                                                                   Searched:
                                                                               Run on:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Result
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029	pli	Appl	Ap	Ap	Ap	Ap	ΑĎ	Ap	Ap	Αb	Αp	Ap	Ap	Ap	Ap	Ap	Αp
5455029	8, Appl	23, A	g,	5680,	5681,	5682,	5683,	5684,	5685,	5686,	5687,	5688,	5689,	5690,	5691,	5692,	5693,
Patent No.	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Seguence	Sequence									
5455029-26	US-09-088-274-8	US-09-245-248B-23	US-09-866-108A-5679	US-09-866-108A-5680	US-09-866-108A-5681	US-09-866-108A-5682	US-09-866-108A-5683	US-09-866-108A-5684	US-09-866-108A-5685	US-09-866-108A-5686	US-09-866-108A-5687	US-09-866-108A-5688	US-09-866-108A-5689	US-09-866-108A-5690	US-09-866-108A-5691	US-09-866-108A-5692	US-09-866-108A-5693
9	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
21	23	24	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
σ	6	σ	σ	σ	9	σ	6	თ	σ	6	σ	σ	6	9	6	σ	σ
28	c 29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45

ALIGNMENTS

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& No. 6190866ris LLP
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            .
0
                                                                                APPLICANT: Gilchrest, Barbara A.
APPLICANT: Yaar, Mina
APPLICANT: Eller, Mark
APPLICANT: Eller, Mark
TITLE OF INVENTION: Use of Locally Applied DNA Fragments
FILE REFERENCE: BU34-68A2
CURRENT APPLICATION UNMBER: US/09/048,927
CURRENT APPLICATION NUMBER: 08/952,697
EARLIER APPLICATION NUMBER: 08/952,697
EARLIER PILING DATE: 1996-06-03
EARLIER FILING DATE: 1996-06-06
NUMBER OF SEQ ID NOS: 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 6, Application US/09049190
Fatent No. 6190866
GENERAL INFORMATION:
TITLE OF INVENTION: Peptide Nucleic Acids Having
TITLE OF INVENTION: Antibacterial Activity
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSE: Woodcock Washburn Kurtz Mackiewicz
STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%; Score 9; DB 3; Les
100.0%; Pred. No. 6e+07;
                                                                                                                                                                                                                                                                                                                                                SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 1 LENGTH: 9
US-09-048-927-1; Sequence 1, Application US/09048927; Patent No. 6147056
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: DNA Fragment US-09-048-927-1
                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 100.
Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: One Liberty
CITY: Philadelphia
STATE: PA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 GAGTATGAG 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 GAGTATGAG 9
                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-049-190-6/c
                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
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U.S.A.

COUNTRY:

us-09-540-843-1.rni

LOCATION: 3
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine OTHER INFORMATION: backbone OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine OTHER INFORMATION: backbone PEATURE: OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine OTHER INFORMATION: backbone FEATURE:
NAME/KEY: Modified-site OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine OTHER INFORMATION: backbone FEATURE:
NAME/KEY: Modified-site LOCATION: 5
COTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine OTHER INFORMATION: backbone OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine OTHER INFORMATION: backbone OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine OTHER INFORMATION: backbone OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine OTHER INFORMATION: backbone COMPUTER READBLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: 18 FC compactible
COMPUTER: 18 PC compactible
CLASSIFICATION NUMBER: US/09/049,190
FILING DATE:
FRICH APPLICATION NUMBER: US/09/049,190
FILING DATE:
APPLICATION NUMBER: 28,937
FILING DATE:
APPLICATION NUMBER: 28,937
REFERENCE/DOCKET NUMBER: 28,937
RECISTRATION NUMBER: 28,937
RECISTRATION NUMBER: 28,937
RECISTRATION SEG ID NO: 6:
FELECOMMUNICATION INPORMATION:
TELECOMMUNICATION INPORMATION:
TELECOMMUNICATION INPORMATION:
TELEFAX: 15-56-3100
TELEFAX: 15-56-3100
TELEFAX: LANGUENCE CHRACTERISTICS:
LENGTH: 15 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear NAME/KEY: Modified-site NAME/KEY: Modified-site LOCATION: 5 NAME/KEY: Modified-site NAME/KEY: Modified-site NAME/KEY: Modified-site NAME/KEY: Modified-site NAME/KEY: Modified-site LOCATION: LOCATION: LOCATION: LOCATION: LOCATION: FEATURE:

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& No. 6190866ris LLP
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backbone
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         N-acetyl (2-aminoethyl) glycine
backbone
                                                                                                      N-acetyl (2-aminoethyl)glycine
backbone
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backbone
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backbone
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APPLICANT: Nielsen et al.
TITLE OF INVENTION: Peptide Nucleic Acids Having
TITLE OF INVENTION: Antibacterial Activity
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSE: Woodcock Washburn Kurtz Mackiewicz
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%; Score 9; DB 3; Le
ilarity 100.0%; Pred. No. 1.9e+03;
Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/049,190
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION:
APPLICATION NUMBER:
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ATTORNEY AGENT INFORMATION:
NAME: JOHN W. CAldwell
REGISTRATION NUMBER: 28,937
REFERENCE/DOCKET NUMBER: ISIS-2560
TELECOMMUNICATION:
TELEPHONE: 215-569-3100:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-049-190-7/c; Sequence 7, Application US/09049190; Patent No. 6190866
                                                                                                                                                                                                                                                                                                                                                                                                                       backbone
                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: Modified-site
LOCATION: 14
OTHER INFORMATION: N-acety
OTHER INFORMATION: backbor
FEATURE:
LOCATION: 10
COTHER INFORMATION: N-acety OTHER INFORMATION: backbor FEATURE:
NAME/KEY: Modified-site LOCATION: 11
OTHER INFORMATION: backbor FEATURE:
NAME/KEY: Modified-site LOCATION: 12
COTHER INFORMATION: N-acety OTHER INFORMATION: N-acety OTHER INFORMATION: N-acety OTHER INFORMATION: backbor FEATURE:
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LOCATION: 15
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                                                                                                                                                                                                                                                                                     LOCATION: 13
OTHER INFORMATION:
OTHER INFORMATION:
FEATURE:
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Matches 9; Conserv
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OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
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OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
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OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LOCATION: 8
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
OTHER INFORMATION: backbone
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OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
OTHER INFORMATION: backbone
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OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
OTHER INFORMATION: backbone
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OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
OTHER INFORMATION: backbone
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NAME/KEY: Modified-site
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NAME/KEY: Modified-site
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LOCATION: 13
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TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                             LENGTH: 15 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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OTHER INFORMATION:
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                                                                                                                                                          OTHER INFORMATION: N-{acetyl(2-aminoethyl)}-C-lysine-glycine CTHER INFORMATION: backbone US-09-049-190-7
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LOCATION: 2
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
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OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine backbone
                                                                                                                                                                                                                                                    Query Match 100.0%; Score 9; DB 3; Length 15; Best Local Similarity 100.0%; Pred. No. 1.9e+03; Matches 9; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-08-932-140C-6/c

Sequence 6, Application US/08932140C

Patent No. 6300318

GENERAL INFORMATION:

APPLICANT: Nielsen et al.

TITLE OF INVENTION: Peptide Nucleic Acids Having
TITLE OF INVENTION: Antibacterial Activity

NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:

ADDRESSEE: No. 6300318ris LlP

STREET: One Liberty Place - 46th Floor

CONTY: Philadelphia
                   LOCATION: 14
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
OTHER INFORMATION: backbone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTE: F.A.

COMPUTER: U.S.A.

ZIP: 19103
COMPUTER: READABLE FORM:
MEDIUM TYPE: 3.5 inch disk
COMPUTER: IBM PC compatible
SOFTWARE: Watcrooff Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/932,140C
FILING DATE: Septemeber 16, 1997
CLASSIFICATION DATA:
APPLICATION NUMBER:
FILING DATE:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: JOHN W. Caldwell
REGISTRATION NUMBER: 1SIS-256
TELECOMMUNICATION INFORMATION:
TELEPRAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
SEQUENCE: MANDER: 15 bases
TELENGTH: 15 bases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    UMBER: US/08/932,140C
Septemeber 16, 1997
NAME/KEY: Modified-site
                                                                                       FEATURE:
NAME/KEY: Modified-site
LOCATION: 15
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                  1 GAGTATGAG 9
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STATE:
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NAME/KEY: Modified-site
LOCATION: 7
COCHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 8
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
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LOCATION:
OTHER INFORMATION: Nacetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
LOCATION:
LOCATION:
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backbone
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backbone
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backbone
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backbone
ADDRESSEE: No. 6300318ris LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
                                                                                          COUNTRY: LA.

CUNTRY: LA.

ZIP: 19103
COUNTRY: LA.

ZIP: 19103
COMPUTER: READABLE FORM:
MEDIUM TYPE: 3.5 inch disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/932,140C
FILING DATE: Septemeber 16, 1997
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 28,937
FILING DATE: APPLICATION NUMBER: 28,937
REFREENCE/POCKET NUMBER: 1SIS-2560
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
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OFFER INFORMATION: N-acety
OFFER INFORMATION: backbor
FEATURE:
NAME/KEY: Modified-site
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OTHER INFORMATION: 1
OTHER INFORMATION: 1
FEATURE:
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OTHER INFORMATION:
OTHER INFORMATION:
FEATURE:
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NAME/KEY: Modified-site
LOCATION: 8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LOCATION: 12
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
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           OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine backbone
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LOCATION: 14
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
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Patent No. 6300318
GENERAL INFORMATION:
TITLE OF INVENTION: Peptide Nucleic Acids Having
TITLE OF INVENTION: Antibacterial Activity
NUMBER OF SEQUENCES:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: N-[acetyl (2-aminoethyl)]-C-
CTHER INFORMATION: lysine-glycine backbone
US-08-932-140C-6
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NAME/KEY: Modified-site
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                                    FEATURE: Nodified-site
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US-08-932-140C-7/c
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NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: WARDING, Richard J.
REGISTRATION NUMBER: 32,327
REGISTRATION NUMBER: 32,327
REECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION INFORMATION
                           December 3, 1996
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INFORMATION FOR SEQ ID NO: 367:
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(213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEX: 67-3510
INPORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDENNESS: single
TOPOLOGY: linear
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STATE: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                17 GAGTATGAG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-758-306-367/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TOPOLOGY:
US-08-758-306-365
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX:
TELEX: 6'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Indels
                                                 OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine OTHER INFORMATION: backbone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine OTHER INFORMATION: backbone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LOCATION: 12
OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine
OTHER INFORMATION: backbone
                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine OTHER INFORMATION: backbone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine OTHER INFORMATION: backbone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine OTHER INFORMATION: backbone
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TITLE OF INVENTION: TREATHENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LOCATION: 15
OTHER INFORMATION: N-[acetyl(2-aminoethyl)]-C-
OTHER INFORMATION: lysine-glycine backbone
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ZIP: 90071-2066
COMPUTER READBLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER:
COMPATION
COMPATING SYSTEM:
COPERATING SYSTEM:
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COMPATION NUMBER:
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; Sequence 365, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
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STREET: 633 West Fifth Street
STREET: Suite 4700
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NAME/KEY: Modified-site
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14 GAGTATGAG 6
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STATE: California
LOCATION: 9
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Best Local Similarity 100.0%; Score 9; DB 1; Length 17; Bast Local Similarity 100.0%; Pred. No. 1.9e+03; Matches 9; Conservative 0; Mismarcher
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                                                                                                                                                                                                                                                                                                                                      Sequence 367, Application US/08758306
Fatent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwiggen, James A.
TITLE OF INVENTION: RETAINBLY FOR THE
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: Stile 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: STORAGE
COMPUTER: IDM COMPATIBLE
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
PRIOR DATE: December 3, 1996
FILING DATE: Becember 3, 1996
FILING DATE:
APPLICATION DATA:
APPLICATION DATE:
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TOPOLOGY:
US-08-758-306-371
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                                                                                                                                    Score 9; DB 1; Length 17; Pred. No. 1.9e+03;
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                                                                                                                                                                        0; Indels
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APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                        0; Mismatches
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COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FLILING DATE: December 3, 1996
CLASSIFICATION 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                          US-08-758-306-369/c; Sequence 369, Application US/08758306; Patent No. 5807743
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Lyon & Lyon STREET: 633 West Fifth Street STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
                                                                                                                                    100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: 21
IBLECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100.08;
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TELEFAX: (213) 955-0440
TELEX: (7-3510
INFORMATION FOR SEQ ID NO: 365
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                9; Conservative
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                Query Match 100.
Best Local Similarity 100.
Matches 9; Conservative
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STRANDEDNESS: single
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Best Local Similarity
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TOPOLOGY:
US-08-758-306-367
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CITY: LA
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                                                                                   GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwiggen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR TITLE OF INVENTION: TRRATMENT OF DISBASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                    ASSOCIATED WITH
INTERLEUKIN-2 RECEPTOR
GAMMA-CHAIN EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: U.S.A.
ZIP: 90071-206
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ VERSION 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; Sequence 2750, Application US/09866108A; Patent No. 6686188
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RESULT 9
US-08-758-306-371/c
; Sequence 371, Application US/08758306
; Patent No. 5807743
                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               32,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: CHEN, Wensheng
APPLICANT: CHEN, Wensheng
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J
REGISTRATION NUMBER: 32,3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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Matches 9; Conservative
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                          CITY: Los Angeles
STATE: California
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US-09-866-108A-2750
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1 GAGTATGAG 9
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Best Local Similarity
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US-09-866-108A-2752
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ORGANISM:
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
                                                                                                                   PRIOR PELING DATE: 2001-05-25
PRIOR PELING DATE: 2001-05-26
PRIOR PELING DATE: 2000-05-26
PRIOR PELING DATE: 2000-05-26
PRIOR PELING DATE: 2000-10-04
PRIOR PELING DATE: 2000-10-04
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PELING DATE: 2001-01-30
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APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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1.9e+03;
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CURRENT FILING DATE: 2001-05-25
PRIOR PAPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-10-04
PRIOR PELING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR PRING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
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                                                                      CURRENT APPLICATION NUMBER: US/09/866,108A CURRENT FILING DATE: 2001-05-25
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Pred. No.
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FILING DATE: 2001-01-30
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Patent No. 6686188
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APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
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Best Local Similarity
Matches 9; Conserv
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US-09-866-108A-2751
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APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
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CURRENT APPLICATION NUMBER: US 60/207,456

FRIOR PELING DATE: 2000-05-25

FRIOR PELING DATE: 2000-06-25

FRIOR PELING DATE: 2000-06-04

FRIOR APPLICATION NUMBER: US 60/236,359

FRIOR APPLICATION NUMBER: US 60/236,359

FRIOR APPLICATION NUMBER: PCT/US01/00666

FRIOR FILING DATE: 2001-03-07

FRIOR FILING DATE: 2001-01-30

FRIOR PELICATION NUMBER: PCT/US01/00667

FRIOR APPLICATION NUMBER: PCT/US01/00669

FRIOR APPLICATION NUMBER: PCT/US01/00669

FRIOR APPLICATION NUMBER: PCT/US01/00669

FRIOR PILING DATE: 2001-01-30

FRIOR PILING DATE: 2001-01-30

FRIOR PLING DATE: 2001-01-30

FRIOR APPLICATION NUMBER: PCT/US01/00668

FRIOR PLING DATE: 2001-01-30

FRIOR PLING DATE: 2001-01-30

FRIOR PLING DATE: 2001-01-30

FRIOR PLING DATE: 2001-01-30

FRIOR FILING DATE: 2001-01-30
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PRIOR PLILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00665
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Patent No. 6686188
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APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: RANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
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; ORGANISM: Homo sapiens
US-09-866-108A-2751
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APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MAYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-07-36
                TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE FILE REFERENCE: AEOMICA-7
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100.0%; Pred. No. 1.9e+0.
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CURRENT PEPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR PEPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-10-07
PRIOR PILING DATE: 2000-10-130
PRIOR PILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR PILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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Patent No. 6686188
SEQ ID NO 2754
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APPLICATION NUMBER: GB 24263.6
FILING DATE: 2000-10-04
APPLICATION NUMBER: US 60/236,359
FILING DATE: 2000-09-27
APPLICATION NUMBER: PCT/US01/00666
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APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
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Matches 9; Conservative
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US-09-866-108A-2755
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APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
  Gaps
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NUMBER OF SEQ ID NOS: 15755
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  Mismatches
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PRIOR PILING DATE: 2000-05-25
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-01-04
PRIOR PLING DATE: 2000-01-04
PRIOR PLING DATE: 2000-01-04
PRIOR PLING DATE: 2000-01-07
PRIOR PLING DATE: 2000-01-07
PRIOR PLING DATE: 2001-01-30
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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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Patent No. 6686188
SEQ ID NO 2753
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
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APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
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Best Local Similarity 100.
Matches 9; Conservative
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  9; Conservative
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; ORGANISM: Homo sapiens
US-09-866-108A-2753
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  Matches
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PRIOR FILING DATE: 2001-01-30
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PRIOR PLING D
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Search completed: August 1, 2004, 23:41:51 Job time : 33.8293 secs

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Sequence 1, Appli
Sequence 1, Appli
Sequence 16, Appl
Sequence 2756, Ap
Sequence 2756, Ap
Sequence 2751, Ap
Sequence 2753, Ap
Sequence 2754, Ap
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Sequence 2756, Ap
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Sequence 2756, Ap
                                                                                                                                     August 1, 2004, 23:28:09; Search time 159.585 Seconds (without alignments) 276.518 Million cell updates/sec
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Published Applications NA:*

1: /cgn2_6/ptodata/2/pubpna/USO7_PUBCOMB.seq:*
2: /cgn2_6/ptodata/2/pubpna/PCT NEW PUB.seq:*
3: /cgn2_6/ptodata/2/pubpna/USO6_NEW PUB.seq:*
4: /cgn2_6/ptodata/2/pubpna/USO7_NEW PUB.seq:*
5: /cgn2_6/ptodata/2/pubpna/USO7_NEW PUB.seq:*
6: /cgn2_6/ptodata/2/pubpna/USO8_PUBCOMB.seq:*
7: /cgn2_6/ptodata/2/pubpna/USO8_PUBCOMB.seq:*
8: /cgn2_6/ptodata/2/pubpna/USO8_PUBCOMB.seq:*
9: /cgn2_6/ptodata/2/pubpna/USO8_PUBCOMB.seq:*
10: /cgn2_6/ptodata/2/pubpna/USO9_PUBCOMB.seq:*
11: /cgn2_6/ptodata/2/pubpna/USO9_PUBCOMB.seq:*
12: /cgn2_6/ptodata/2/pubpna/USO9_NEW PUB.seq:*
13: /cgn2_6/ptodata/2/pubpna/USO9_NEW PUB.seq:*
14: /cgn2_6/ptodata/2/pubpna/USO9_NEW PUB.seq:*
15: /cgn2_6/ptodata/2/pubpna/USO9_NEW PUB.seq:*
16: /cgn2_6/ptodata/2/pubpna/USOB_PUBCOMB.seq:*
16: /cgn2_6/ptodata/2/pubpna/USOB_PUBCOMB.seq:*
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17: /cgn2_6/ptodata/2/pubpna/USOB_PUBCOMB.seq:*
18: /cgn2_6/ptodata/2/pubpna/USOB_PUBCOMB.seq:*
19: /cgn2_6/ptodata/2/pubpna/USOB_PUBCOMB.seq:*
19: /cgn2_6/ptodata/2/pubpna/USOB_PUBCOMB.seq:*
19: /cgn2_6/ptodata/2/pubpna/USOB_PUBCOMB.seq:*
19: /cgn2_6/ptodata/2/pubpna/USOB_NEW_PUB.seq:*
19: /cgn2_6/ptodata/2/pubpna/USOB_NEW_PUB.seq:*
19: /cgn2_6/ptodata/2/pubpna/USOB_NEW_PUB.seq:*
19: /cgn2_6/ptodata/2/pubpna/USOB_NEW_PUB.seq:*
19: /cgn2_6/ptodata/2/pubpna/USOB_NEW_PUB.seq:*
19: /cgn2_6/ptodata/2/pubpna/USOB_NEW_PUB.seq:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-10-122-633-1
US-10-150-779A-15
US-09-866-108-2750
US-09-866-108-2751
US-09-866-108-2753
US-09-866-108-2753
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US-09-866-108-2758
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                    3222919 seqs, 2451570024 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Listing first 45 summaries
                                                                                               nucleic search, using sw model
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                                                                                               OM nucleic
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Sequence 101, App Sequence 101, App Sequence 102, App Sequence 102, App Sequence 102, App Sequence 128, App Sequence 128, App Sequence 15, App Sequence 15, App Sequence 15, App Sequence 32, App Sequence 32, App Sequence 32, App Sequence 23, App Sequence 23, App Sequence 5679, Ap Sequence 5680, Ap Sequence 5681, App Sequence 5680, Ap Sequence 5681, Ap 2751, Ap 2752, Ap 2753, Ap 2754, Ap 2755, Ap 2756, Ap 2756, Ap 2757, Ap 2757, Ap 2751, Appli Seguence 1, Seguence 1 Sequence Sequence Sequence US-09-866-108-5679 US-09-866-108-5680 US-09-866-108-5681 US-09-866-108-5682 100.0 100.0 100.0 100.0 100.0 υ

ALIGNMENTS

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Gaps
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                                                                   GENERAL LINGUARTION:
GENERAL LINGUALION GAILCREST, BARDARA A.
APPLICANT: Giler, Mark S.
APPLICANT: Eller, Mark S.
APPLICANT: Yaar, Mina
TITLE OF INVENTION: Method to Inhibit Cell Growth Using
TITLE OF INVENTION: Oligonucleotides
FILE REPERENCE: 0054.1086-018
FURRENT APPLICATION NUMBER: US/10/122,630
CURRENT APPLICATION NUMBER: US 08/467,012
PRIOR PLING DATE: 1995-06-06
PRIOR PLING DATE: 1995-06-06
PRIOR FILING DATE: 1995-06-06
PRIOR FILING DATE: 1996-06-03
PRIOR FILING DATE: 1996-06-03
PRIOR FILING DATE: 1990-03-26
PRIOR FILING DATE: 2000-03-31
PRIOR FILING DATE: 2000-03-31
PRIOR FILING DATE: 2001-03-30
NUMBER OF SEQ ID NOS: 15
SEQ ID NO 1
LENGTH: 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Ouery Match
Best Local Similarity 100.0%; Pred. No. 5.4e+08;
Matches 9; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      , OTHER INFORMATION: Synthetic DNA Fragment US-10-122-630-1
Sequence 1, Application US/10122630 Publication No. US20030032610A1
                      Publication No. US20030032610A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence
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US-10-150-779A-16/c
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US-10-150-79A-15/c

i Sequence 15, Application US/10150779A

i Publication No. US20030125241A1

i GENERAL INFORMATION:

i APPLICANT: WISSENBACH, MARGIT

i APPLICANT: WISSENBACH, MARGIT

i APPLICANT: HANSEN;

i APPLICANT: HANSEN;

i TITLE OF INVENTION: THERAPEUTIC USES OF LNA-MODIFIED OLIGONUCLEOTIDES IN

ITILE OF INVENTION: INFECTIOUS DISEASES

i TITLE OF INVENTION: INFECTIOUS DISEASES

i FILE REPREMENCE: 5704 (45120)

i CURRENT APPLICATION NUMBER: US/10/150,779A

i CURRENT APPLICATION NUMBER: 00/291,830

i RECOR FILING DATE: 2003-05-18

i NUMBER OF SEQ ID NOS: 16

i SOCTWARE: PARCENTIN Ver: 2.1

i LENGTH: 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
                                                                                                                                                    Sequence 1, Application US/1012633

Publication No. US20030032611A1

GENERAL INPORMATION:

APPLICANT: Glichrest, Barbara A.

APPLICANT: Eller, Mark S.

APPLICANT: Tax, Mina

TITLE OF INVENTION: Method to Inhibit Cell Growth Using

TITLE OF INVENTION: Oligonucleotides

FILE REFERENCE: 0054.1088-019

CURRENT APPLICATION NUMBER: US/10/12,633

CURRENT FILING DATE: 2002-04-12

PRIOR APPLICATION NUMBER: US 09/540,843

PRIOR APPLICATION NUMBER: PCT/US01/10162

PRIOR APPLICATION NUMBER: PCT/US01/10162

PRIOR FILING DATE: 2001-03-30

NUMBER OF SEQ ID NOS: 15

SOFTWARE: FRASESEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 9; DB 15; Length 12; larity 100.0%; Pred. No. 2.5e+04; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match

100.0%; Score 9; DB 15; Length 9;
Best Local Similarity 100.0%; Pred. No. 5.4e+08;
Matches 9; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
COTHER INFORMATION: Synthetic DNA Fragment US-10-122-633-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
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1 GAGTATGAG 9
GAGTATGAG 9
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Best Local Similarity
Matches 9; Conserva
                                                                                                                                     US-10-122-633-1
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1 GAGTATGAG 9

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SOFTWARE: Aeomica Sequence Listing Engine SEQ ID NO 2752
LENGTH: 17
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; ORGANISM: Homo sapiens
US-09-866-108-2752
                                                                                                                                                                                                                                                                       ; ORGANISM: Homo sapiens
US-09-866-108-2751
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Best Local Similarity
.-hes 9; Conserve
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                                                                                                                                                                                                                                             TYPE: DNA
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### APPLICANT: CHAN, WAISELY
### TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
### TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
### TITLE OF INVENTION: WHORER: US/09/866,108

CURRENT APPLICATION NUMBER: US 60/207,456

PRIOR PRILING DATE: 2000-05-26

PRIOR PILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR PRILING DATE: 2000-10-30

PRIOR PELING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR PELING DATE: 2001-01-30
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Pred. No. 2.5e+04;
0; Mismatches 0; Indels
              PRIOR APPLICATION NUMBER: PCT/USO1/00663
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2000-03-21
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 2750
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PRIOR APPLICATION NUMBER: PCT/USO1/00663
PRIOR PLING DATE: 2001-01-30
PRIOR PLING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00662
PRIOR APPLICATION NUMBER: PCT/USO1/00661
PRIOR APPLICATION NUMBER: PCT/USO1/00670
PRIOR APPLICATION NUMBER: PCT/USO1/00670
PRIOR APPLICATION NUMBER: PCT/USO1/00670
PRIOR APPLICATION NUMBER: US 60/234,687
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 2751, Application US/09866108 Patent No. US20020048800A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match

Best Local Similarity 100.0%;

Matches 9; Conservative 0;
FILING DATE: 2001-01-30
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           HANZEL, David K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RANK, David R. CHEN, Wensheng
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-2750
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               9 GAGTATGAG 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
APPLICANT:
PRIOR
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APPLICANT: RANK, David R. APPLICANT: CHEN, Wensheng
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TILLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%; Score 9; DB 9; L6
100.0%; Pred. No. 2.5e+04;
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CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PEDLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-10-04
PRIOR PELING DATE: 2001-01-04
PRIOR PELING DATE: 2001-01-30
PRIOR PELING DATE: 2001-01-30
PRIOR PELING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR PELING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Mismatches
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 2551
LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 2752, Application US/0966108
Patent No. US20020048800A1
PAPELICANT: GV, Yizhong
APPLICANT: GT, Yonggang
APPLICANT: FN, Yonggang
APPLICANT: FN, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: PENN, Sharron G.
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; ORGANISM: Homo sapiens
US-09-866-108-2754
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APPLICANT: GHANZEL, David R.

APPLICANT: SHANNON MARK

ITILE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

TILLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

CURRENT APPLICATION NUMBER: US 0/207,456

PRIOR PELING DATE: 2000-05-25

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-10-40

PRIOR FILING DATE: 2000-10-40

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

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PRIOR PRIOR DATE: 20
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Similarity 100.0%; Score 9; DB 9; Length 17; Similarity 100.0%; Pred. No. 2.5e+04; 9; Conservative 0; Mismatches 0; Indels
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100.0%; Score 9; DB 9; Le
Best Local Similarity 100.0%; Pred. No. 2.5e+04;
Matches 9; Conservative 0; Mismatches 0;
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NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 2753
LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                              Sequence 2753, Application US/09866108
Patent No. US20020048800A1
APPLICANT: GU, Yizhong
APPLICANT: GU, Yizhong
APPLICANT: PLI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
                                                                                                                                                                               TYPE: DNA; ORGANISM: Homo sapiens
US-09-866-108-2753
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   Query Match
Best Local Similarity
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US-09-866-108-2753
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APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
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CHEN, Wensheng
SHANNON, Mark
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Best Local Similarity 100.
Matches 9; Conservative
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ORGANISM: Homo sapiens
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APPLICANT:
APPLICANT:
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APPLICANT: GU'Y zhongang
APPLICANT: PENN, Sharron G.
APPLICANT: PENN, Sharron G.
APPLICANT: APPLICANT: APANEL, David K.
APPLICANT: CHEN, Wensheng
APPLICANT: CHEN, Wark
ITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
                           APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REPERENCE: AEOMICA-7
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PRIOR PILING DATE: 2000-10-27
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR PILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR PILING DATE: 2001-01-30
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                                                                                                                     CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
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CURRENT FILING DATE: 2001-05-25
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
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CHEN, Wensheng
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-2755
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Best Local Similarity
Matches 9; Conserv
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US-09-866-108-2756
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TILLE OF INVENTION: MAGEN

TILLE REFERENCE: AEOMICA-7

CURRENT APPLICATION NUMBER: 1209-866,108

CURRENT APPLICATION NUMBER: 2001-05-25

PRIOR PELICATION NUMBER: US 60/207,456

PRIOR PILING DATE: 2000-05-26

PRIOR PILING DATE: 2000-05-26

PRIOR PILING DATE: 2000-004

PRIOR PILING DATE: 2000-004

PRIOR PILING DATE: 2000-09-27

PRIOR PILING DATE: 2001-004

PRIOR PILING DATE: 2001-010

PRIOR PILING DATE: 2001-010

PRIOR PILING DATE: 2001-0130

PRIOR PILING DATE: 2001-01-30

PRIOR PILING DATE: 2001-01-30
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100.0%; Pred. No. 2.5e+04;
iive 0; Mismatches 0;
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR PLILING DATE: 2000-09-27
PRIOR PLILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR PLILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR PLILING DATE: 2001-01-30
PRIOR PLILING DATE: 2000-09-21
PRIOR PLILING DATE: 2001-01-30
PRIOR PLILING DATE: 2000-09-21
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SOFTWARE: Aeomica Sequence Listing Engine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 2757, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
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Gaps

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APPLICANT: J1, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: PENN, Sharron G.
APPLICANT: RANK, David K.
APPLICANT: CHEN, Wensheng
APPLICANT: CHEN, Wensheng
APPLICANT: CHEN, Wark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN FILE REFERENCE: PB0105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/10/723,361

CURRENT FILING DATE: 2003-11-26

FRIOR PELIONION NUMBER: US 09/866,108

FRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-10-04

PRIOR PELIONION NUMBER: US 60/236,359

PRIOR PELICATION NUMBER: US 60/236,359

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR PILING DATE: 2001-01-30

PRIOR PLING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR PLING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR PLING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR PLING DATE: 2001-01-30

PRIOR PLING DATE: 2001-01-30
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Mismatches 0;
PRIOR APPLICATION NUMBER: PCT/US01/00670;
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-31
PRIOR FILING DATE: 2000-09-21
PRIOR FILING DATE: 2000-09-21
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SEQ ID NO 2758
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100.0%; Score 9;
Best Local Similarity 100.0%; Pred. No.
Matches 9; Conservative 0; Mismatch
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Publication No. US20040137589A1
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; ORGANISM: Homo sapiens
US-09-866-108-2758
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; ORGANISM: Homo sapiens
US-10-723-361-2750
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APPLICANT: GU, Yizhong
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Best Local Similarity
Matches 9; Conserv
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
TITLE REFERENCE: AEDMICA-7
CURRENT APPLICATION UMBER: US/9/866,108
CURRENT FILING DATE: 2001-05-25
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                       PRIOR FILING DATE: 2001-01-30
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Patent No. US20020048800A1
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PENN, Sharron G.
HANZEL, David K.
RANK, David R.
CHEN, Wensheng
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Best Local Similarity 100.
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APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggar
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ORGANISM: Homo sapiens
US-10-723-361-2751
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